

### Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: 05/30/2018 Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product name: AG2000 Premium Agricultural Coating

Product form: Mixture

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

### 1.3. Details of the supplier of the safety data sheet

Inland Coatings Holdings, LLC

26259 US-6 Adel, Iowa 50003 800-456-8467

1.4. Emergency telephone number

CHEMTREC: 800-424-9300

### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

### **GHS-US** classification

| H225 |
|------|
| H332 |
| H315 |
| H319 |
| H317 |
| H340 |
| H350 |
| H336 |
| H372 |
| H304 |
|      |

### 2.2. Label elements

### **GHS-US** labelling

Hazard pictograms (GHS-US)





GHS07

GHS08

Signal word (GHS-US) : Danger

Hazard statements (GHS-US): H225 - Highly flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H336 - May cause drowsiness or dizziness

H340 - May cause genetic defects

H350 - May cause cancer

H372 - Causes damage to organs through prolonged or repeated exposure

### Precautionary statements (GHS-US): P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical, lighting, ventilating equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

P260 - Do not breathe mist, spray, vapours

P264 - Wash hands, forearms and face thoroughly after handling P270 - Do not eat, drink or smoke when using this product P271 - Use only outdoors or in a well-ventilated area

P280 - Wear eye protection, protective clothing, protective gloves P301+P310 - IF SWALLOWED: Immediately call a doctor, a poison center

P302+P352 - If on skin: Wash with plenty of soap and water

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P308+P313 - If exposed or concerned: Get medical advice/attention

P314 - Get medical advice/attention if you feel unwell

P321 - Specific treatment (see first aid instructions on this label)

P331 - Do NOT induce vomiting

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse

P370+P378 - In case of fire: Use carbon dioxide (CO2), dry extinguishing powder, foam to extinguish

P403+P233+235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.

P405 - Store locked up

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-US)

16.6% of the mixture is of unknown acute toxicity

### **SECTION 3: Composition/information on ingredients**

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name                                            | Product identifier  | %       |
|-------------------------------------------------|---------------------|---------|
| Naphtha, petroleum, hydrotreated light          | (CAS No) 64742-49-0 | 25 - 50 |
| Xylenes (o-, m-, p- isomers)                    | (CAS No) 1330-20-7  | 3- 7    |
| Solvent naphtha, petroleum, light aromatic      | (CAS No) 64742-95-6 | 5 - 15  |
| Ethylbenzene                                    | (CAS No) 100-41-4   | 1 - 5   |
| Benzene, 1,2,4-trimethyl-                       | (CAS No) 95-63-6    | 2 - 6   |
| Cumene                                          | (CAS No) 98-82-8    | 0.15    |
| Titanium dioxide                                | (CAS No) 13463-67-7 | 8 - 15  |
| Silica: Crystalline, quartz                     | (CAS No) 14808-60-7 | 0.1 - 1 |
| Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate | (CAS No) 41556-26-7 | 0.1 - 1 |

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

First-aid measures general: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the

doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an

unconscious person

First-aid measures after inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get

 $\label{eq:medical} \mbox{medical attention if breathing is affected. If breathing is difficult, supply oxygen.}$ 

First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at

least 15 minutes. If irritation develops or persists, get medical attention.

First-aid measures after eye contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact

lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get

medical attention. Continue rinsing.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison

control center or medical professional. Get medical attention immediately.

## 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May be fatal if swallowed and enters airways. Harmful if inhaled. May cause drowsiness or

dizziness

Symptoms/injuries after skin contact : May cause an allergic skin reaction. Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

Chronic symptoms: May cause cancer (Inhalation). Causes damage to organs through prolonged or repeated

exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

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### **SECTION 5: Firefighting measures**

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide.

Unsuitable extinguishing media : Water.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Flammable liquid and vapour.

Reactivity: Closed container may forcibly rupture under extreme heat or when contents are contaminated

with water.

5.3. Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the

environment. Prevent human exposure to fire, fumes, smoke and products of combustion.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures: Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews

properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

Avoid vapor formation.

6.1.1. For non-emergency personnel

Protective equipment: Wear Protective equipment as described in Section 8.

**Emergency procedures**: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air

respirator, in case of emergency.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or

streams

Methods for cleaning up: Remove all sources of ignition. Avoid breathing of vapors. Wear appropriate respirator and

other protective clothing. Ventilate. Shut off source of leak only if safe to do so. Soak up with

absorbent material, and place in non-leaking containers for proper disposal.

6.4. Reference to other sections

No additional information available

## **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, sparks and open flames. Use adequate ventilation and avoid repeated or

prolonged skin contact. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to

prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep container tightly closed. Isolate from oxidizers, heat,

sparks, electrical equipment and open flame. Closed containers may explode if exposed to

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extreme heat.

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

| Naphtha, petroleum, hydrotreated light (64742-49-0)      |                      |
|----------------------------------------------------------|----------------------|
| Remark (ACGIH)                                           | OELs not established |
| Remark (OSHA)                                            | OELs not established |
|                                                          |                      |
| Xylenes (o-, m-, p- isomers) (1330-20-7)                 |                      |
| Xylenes (o-, m-, p- isomers) (1330-20-7) ACGIH TWA (ppm) | 100 ppm              |

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| V. dans a (a                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Xylenes (o-, m-, p- isomers) (1330-20-7)                                                                                                                                                                                                                                                                                                           | 1                                                                                                                                                                                                                                                                        |
| OSHA PEL (TWA) (mg/m³)                                                                                                                                                                                                                                                                                                                             | 435 mg/m³                                                                                                                                                                                                                                                                |
| OSHA PEL (TWA) (ppm)                                                                                                                                                                                                                                                                                                                               | 100 ppm                                                                                                                                                                                                                                                                  |
| OSHA PEL (STEL) (mg/m³)                                                                                                                                                                                                                                                                                                                            | 655 mg/m³                                                                                                                                                                                                                                                                |
| OSHA PEL (STEL) (ppm)                                                                                                                                                                                                                                                                                                                              | 150 ppm                                                                                                                                                                                                                                                                  |
| Ethylbenzene (100-41-4)                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                          |
| ACGIH TWA (ppm)                                                                                                                                                                                                                                                                                                                                    | 20 ppm                                                                                                                                                                                                                                                                   |
| Remark (ACGIH)                                                                                                                                                                                                                                                                                                                                     | upper respiratory tract irritation; kidney damage (nephropathy); cochlear impairment                                                                                                                                                                                     |
| OSHA PEL (TWA) (mg/m³)                                                                                                                                                                                                                                                                                                                             | 435 mg/m³                                                                                                                                                                                                                                                                |
| OSHA PEL (TWA) (ppm)                                                                                                                                                                                                                                                                                                                               | 100 ppm                                                                                                                                                                                                                                                                  |
| OSHA PEL (STEL) (mg/m³)                                                                                                                                                                                                                                                                                                                            | 545 mg/m³                                                                                                                                                                                                                                                                |
| OSHA PEL (STEL) (ppm)                                                                                                                                                                                                                                                                                                                              | 125 ppm                                                                                                                                                                                                                                                                  |
| Cumene (98-82-8)                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                          |
| ACGIH TWA (ppm)                                                                                                                                                                                                                                                                                                                                    | 50 ppm                                                                                                                                                                                                                                                                   |
| OSHA PEL (TWA) (mg/m³)                                                                                                                                                                                                                                                                                                                             | 245 mg/m³                                                                                                                                                                                                                                                                |
| OSHA PEL (TWA) (ppm)                                                                                                                                                                                                                                                                                                                               | 50 ppm                                                                                                                                                                                                                                                                   |
| OOTH TE (TWAT) (PPIII)                                                                                                                                                                                                                                                                                                                             | о ррш                                                                                                                                                                                                                                                                    |
| , , , , , ,                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                          |
| Solvent naphtha, petroleum, light aromatic (64742-95) Remark (ACGIH)                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                          |
| Solvent naphtha, petroleum, light aromatic (64742-9                                                                                                                                                                                                                                                                                                | 5-6)                                                                                                                                                                                                                                                                     |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH)                                                                                                                                                                                                                                                                               | 5-6)  OELs not established                                                                                                                                                                                                                                               |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA)                                                                                                                                                                                                                                                                 | 5-6)  OELs not established                                                                                                                                                                                                                                               |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA) Benzene, 1,2,4-trimethyl- (95-63-6)                                                                                                                                                                                                                             | 5-6)  OELs not established  OELs not established                                                                                                                                                                                                                         |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA)  Benzene, 1,2,4-trimethyl- (95-63-6) Remark (ACGIH) Remark (OSHA)                                                                                                                                                                                               | OELs not established OELs not established OELs not established                                                                                                                                                                                                           |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA)  Benzene, 1,2,4-trimethyl- (95-63-6) Remark (ACGIH) Remark (OSHA)  Silica: Crystalline, quartz (14808-60-7)                                                                                                                                                     | OELs not established                                                                                                                                                                 |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA)  Benzene, 1,2,4-trimethyl- (95-63-6) Remark (ACGIH) Remark (OSHA)                                                                                                                                                                                               | OELs not established OELs not established OELs not established                                                                                                                                                                                                           |
| Solvent naphtha, petroleum, light aromatic (64742-98 Remark (ACGIH) Remark (OSHA)  Benzene, 1,2,4-trimethyl- (95-63-6) Remark (ACGIH) Remark (OSHA)  Silica: Crystalline, quartz (14808-60-7) ACGIH TWA (mg/m³)                                                                                                                                    | OELs not established  0.025 mg/m³ (respirable fraction) (30)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2)                                                           |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA)  Benzene, 1,2,4-trimethyl- (95-63-6) Remark (ACGIH) Remark (OSHA)  Silica: Crystalline, quartz (14808-60-7) ACGIH TWA (mg/m³) OSHA PEL (TWA) (mg/m³)                                                                                                            | OELs not established  0.025 mg/m³ (respirable fraction) (30)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2) respirable fraction (250)/(%SiO2 + 5) respirable fraction                      |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA)  Benzene, 1,2,4-trimethyl- (95-63-6) Remark (ACGIH) Remark (OSHA)  Silica: Crystalline, quartz (14808-60-7) ACGIH TWA (mg/m³) OSHA PEL (TWA) (mg/m³)  OSHA PEL (TWA) (ppm)                                                                                      | OELs not established  0.025 mg/m³ (respirable fraction) (30)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2) respirable fraction (250)/(%SiO2 + 5) respirable fraction                      |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA)  Benzene, 1,2,4-trimethyl- (95-63-6) Remark (ACGIH) Remark (OSHA)  Silica: Crystalline, quartz (14808-60-7) ACGIH TWA (mg/m³) OSHA PEL (TWA) (mg/m³)  OSHA PEL (TWA) (ppm)  Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (4158)                              | OELs not established  0.025 mg/m³ (respirable fraction) (30)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2) respirable fraction (250)/(%SiO2 + 5) respirable fraction                      |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA)  Benzene, 1,2,4-trimethyl- (95-63-6) Remark (ACGIH) Remark (OSHA)  Silica: Crystalline, quartz (14808-60-7) ACGIH TWA (mg/m³) OSHA PEL (TWA) (mg/m³)  OSHA PEL (TWA) (ppm)  Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (4158) Remark (ACGIH) Remark (OSHA) | OELs not established  0.025 mg/m³ (respirable fraction) (30)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2) respirable fraction (250)/(%SiO2 + 5) respirable fraction                      |
| Solvent naphtha, petroleum, light aromatic (64742-98) Remark (ACGIH) Remark (OSHA)  Benzene, 1,2,4-trimethyl- (95-63-6) Remark (ACGIH) Remark (OSHA)  Silica: Crystalline, quartz (14808-60-7) ACGIH TWA (mg/m³) OSHA PEL (TWA) (mg/m³)  OSHA PEL (TWA) (ppm)  Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (4158) Remark (ACGIH)               | OELs not established  0.025 mg/m³ (respirable fraction) (30)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2) respirable fraction (250)/(%SiO2 + 5) respirable fraction |

### 8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust

ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate

ventilation, especially in confined areas.

Personal protective equipment : Safety glasses. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could

occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate,

PVC or vinyl.

Eye protection: Wear eye protection, including chemical splash goggles and a face shield when possibility

exists for eye contact due to spraying liquid or airborne particles.

**Skin and body protection**: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

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Respiratory protection: Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state: Liquid

Color: White/Gray

Odor: aromatic.

Odor Threshold: No data available

pH: No data available

Relative evaporation rate (butylacetate=1) : No data available

Relative evaporation rate (ether=1) : Slower than ether

Melting point: No data available Freezing point : No data available

**Boiling point**: 118.3 - 172.2 °C (245-342 °F)

Flash point: 12.22 °C TCC (54 °F)

Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : No data available

Vapour pressure : 5.2 mm Hg At 20 °C

Relative vapour density at 20 °C : No data available

Relative density: 1.007

Density: 8.4 pounds/gallon

Relative gas density: Heavier than air

Solubility: Water: Slight

Log Pow: No data available

Log Kow: No data available

Viscosity, kinematic : No data available Viscosity, dynamic : No data available Explosive properties : No data available Oxidising properties : No data available

Explosive limits: 0.9 - 6 vol %

#### 9.2. Other information

VOC content : 550 g/l maximum

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

Closed container may forcibly rupture under extreme heat or when contents are contaminated with water.

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### Possibility of hazardous reactions 10.3.

None known.

#### Conditions to avoid 10 4

Heat, flame.

### 10.5 Incompatible materials

Strong oxidizers, strong acids and some amines.

### Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>).

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### **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

Acute toxicity: Inhalation: Harmful if inhaled.

| Naphtha, petroleum, hydrotreated light (6474) | 2-49-0)                   |
|-----------------------------------------------|---------------------------|
| LD50 oral rat                                 | > 5000 mg/kg              |
| LD50 dermal rabbit                            | > 3160 mg/kg              |
| LC50 inhalation rat (ppm)                     | 73680 ppm/4h              |
| Xylenes (o-, m-, p- isomers) (1330-20-7)      |                           |
| LD50 oral rat                                 | 3500 mg/kg                |
| ATE CLP (dermal)                              | 1100.000 mg/kg bodyweight |
| ATE CLP (gases)                               | 4500.000 ppmv/4h          |
| ATE CLP (vapours)                             | 11.000 mg/l/4h            |
| ATE CLP (dust,mist)                           | 1.500 mg/l/4h             |
| Ethylbenzene (100-41-4)                       |                           |
| LD50 oral rat                                 | 3500 mg/kg                |
| LD50 dermal rabbit                            | 15400 mg/kg               |
| LC50 inhalation rat (mg/l)                    | 17.2 mg/l/4h              |
| ATE CLP (gases)                               | 4500.000 ppmv/4h          |
| ATE CLP (vapours)                             | 11.000 mg/l/4h            |
| ATE CLP (dust,mist)                           | 1.500 mg/l/4h             |
| Cumene (98-82-8)                              |                           |
| LD50 dermal rabbit                            | 12300 μl/kg               |
| LC50 inhalation rat (ppm)                     | > 3577 ppm 6 h            |
| Solvent naphtha, petroleum, light aromatic (6 |                           |
| LD50 dermal rabbit                            | > 2000 mg/kg              |
| LC50 inhalation rat (ppm)                     | 3400 ppm/4h               |
| Benzene, 1,2,4-trimethyl- (95-63-6)           |                           |
| LD50 oral rat                                 | 3280 mg/kg                |
| LD50 dermal rabbit                            | > 3160 mg/kg              |
| ATE CLP (gases)                               | 4500.000 ppmv/4h          |
| ATE CLP (vapours)                             | 11.000 mg/l/4h            |
| ATE CLP (dust,mist)                           | 1.500 mg/l/4h             |
| Silica: Crystalline, quartz (14808-60-7)      |                           |
| LD50 oral rat                                 | 500 mg/kg                 |
| ATE CLP (oral)                                | 500.000 mg/kg bodyweight  |
| Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebaca | te (41556-26-7)           |
| LD50 oral rat                                 | 2615 mg/kg                |
| Titanium dioxide (13463-67-7)                 |                           |
| LD50 oral rat                                 | > 10000 mg/kg             |

Skin corrosion/irritation: Causes skin irritation. Serious eye damage/irritation : Causes serious eye irritation. **Respiratory or skin sensitisation**: May cause an allergic skin reaction. Germ cell mutagenicity: May cause genetic defects.

Carcinogenicity: May cause cancer.

| Ethylbenzene (100-41-4)                  |                                      |
|------------------------------------------|--------------------------------------|
| IARC group                               | 2B - Possibly carcinogenic to humans |
| Cumene (98-82-8)                         |                                      |
| IARC group                               | 2B - Possibly carcinogenic to humans |
| Silica: Crystalline, quartz (14808-60-7) |                                      |
| IARC group                               | 1 - Carcinogenic to humans           |
| Carbon black (1333-86-4)                 |                                      |
| IARC group                               | 2B - Possibly carcinogenic to humans |
| Titanium dioxide (13463-67-7)            |                                      |
| IARC group                               | 2B - Possibly carcinogenic to humans |

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Reproductive toxicity: Not classified

Specific target organ toxicity (single : May cause drowsiness or dizziness.

exposure)

Specific target organ toxicity (repeated : Causes damage to organs through prolonged or repeated exposure. exposure)

Symptoms/injuries after inhalation : May be fatal if swallowed and enters airways. Harmful if inhaled. May cause drowsiness or

Symptoms/injuries after skin contact: May cause an allergic skin reaction. Causes skin irritation.

**Aspiration hazard**: May be fatal if swallowed and enters airways.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

> Chronic symptoms: May cause cancer (Inhalation). Causes damage to organs (respiratory system) through

> > prolonged or repeated exposure.

### **SECTION 12: Ecological information**

#### 12.1. **Toxicity**

Ecology - general: No data available.

#### 12.2. Persistence and degradability

### **AG2000 Premium Agricultural Coating**

Persistence and degradability

The product is not biodegradable

### Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

### Other adverse effects

No additional information available

### **SECTION 13: Disposal considerations**

13.1. Waste treatment methods

> Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities.

No discharge to surface waters is allowed without an NPDES permit.

Waste disposal recommendations Dispose in a safe manner in accordance with local/national regulations. Do not allow the

product to be released into the environment.

### **SECTION 14: Transport information**

In accordance with DOT

Transport document description : UN1263 Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid

3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

filler, and liquid lacquer base), 3, II

UN-No.(DOT) : 1263 DOT NA no. : UN1263

Proper Shipping Name (DOT)

including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid

lacquer base

Department of Transportation (DOT) Hazard :

Hazard labels (DOT): 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger

**DOT Quantity Limitations Passenger** : 5 L aircraft/rail (49 CFR 173.27)

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**DOT Quantity Limitations Cargo aircraft only** : 60 L

(49 CFR 175.75)

**DOT Vessel Stowage Location**: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this

section is exceeded.

**Additional information** 

Other information: No supplementary information available.

### Transport by sea

No additional information available

### Air transport

No additional information available

## **SECTION 15: Regulatory information**

### 15.1. US Federal regulations

| AG2000 Premium Agricultural Coating |                              |                                                                                   |  |  |
|-------------------------------------|------------------------------|-----------------------------------------------------------------------------------|--|--|
| All components of this prod         | luct are listed on th        | e TSCA Inventory or are exempt                                                    |  |  |
| SARA Section 311/312 Haz            | zard Classes                 | Delayed (chronic) health hazard<br>Immediate (acute) health hazard<br>Fire hazard |  |  |
|                                     | CAS #: 133                   | 0-20-7 (Xylenes)                                                                  |  |  |
| Section 302 (EHS) TPQ               | lb                           |                                                                                   |  |  |
| Section 304 EHS RQ                  | Ib                           |                                                                                   |  |  |
| CERCLA RQ                           | 100 lb                       |                                                                                   |  |  |
| Section 313                         | Listed on US SARA Section 13 |                                                                                   |  |  |

|                       | CAS #: | 100-41-4 (Ethylbenzene)      |    |
|-----------------------|--------|------------------------------|----|
| Section 302 (EHS) TPQ |        |                              | lb |
| Section 304 EHS RQ    |        |                              | lb |
| CERCLA RQ             |        | 1000                         | lb |
| Section 313           |        | Listed on US SARA Section 13 |    |

|                       | CAS #: | 98-82-8 (Cumene)             |    |
|-----------------------|--------|------------------------------|----|
| Section 302 (EHS) TPQ |        |                              | lb |
| Section 304 EHS RQ    |        |                              | lb |
| CERCLA RQ             |        | 5000                         | lb |
| Section 313           |        | Listed on US SARA Section 13 |    |

|                       | CAS #: | 95-63-6 (Benzene, 1,2,4—<br>trimethyl-) |
|-----------------------|--------|-----------------------------------------|
| Section 302 (EHS) TPQ |        | lb                                      |
| Section 304 EHS RQ    |        | lb                                      |
| CERCLA RQ             |        | lb                                      |
| Section 313           |        | Listed on US SARA Section 13            |

|                       | CAS #: | 108-88-3 (Toluene)           |    |
|-----------------------|--------|------------------------------|----|
| Section 302 (EHS) TPQ |        |                              | lb |
| Section 304 EHS RQ    |        |                              | lb |
| CERCLA RQ             |        | 1000                         | lb |
| Section 313           |        | Listed on US SARA Section 13 |    |

|                       | CAS #: | 50-00-0 (Formaldehyde) |     |    |
|-----------------------|--------|------------------------|-----|----|
| Section 302 (EHS) TPQ |        |                        | 500 | lb |

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| AG2000 Premium Agricultural Coating |                              |      |  |  |
|-------------------------------------|------------------------------|------|--|--|
| Section 304 EHS RQ                  | 100                          | 0 lb |  |  |
| CERCLA RQ                           | 100                          | 0 lb |  |  |
| Section 313                         | Listed on US SARA Section 13 | 3    |  |  |

|                       | CAS #: | 78-83-1 (Isobutyl alcohol) |    |
|-----------------------|--------|----------------------------|----|
| Section 302 (EHS) TPQ |        |                            | lb |
| Section 304 EHS RQ    |        |                            | lb |
| CERCLA RQ             |        | 5000                       | lb |
| Section 313           |        | Not Listed                 |    |

|                       | CAS #: | 123-86-4 (n-Butyl acetate) |    |  |
|-----------------------|--------|----------------------------|----|--|
| Section 302 (EHS) TPQ |        |                            | lb |  |
| Section 304 EHS RQ    |        |                            | lb |  |
| CERCLA RQ             |        | 5000                       | lb |  |
| Section 313           |        | Not Listed                 |    |  |

### 15.2. International regulations

No additional information available.

### 15.3. US State regulations

### California Proposition 65

WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

| Ethylbenzene (100-41-                                    | 4)                                                             |                                                                           |                                                                         |                                     |
|----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|
| U.S California -<br>Proposition 65 -<br>Carcinogens List | U.S California -<br>Proposition 65 -<br>Developmental Toxicity | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk leve<br>(NSRL) |
| Yes                                                      | No                                                             | No                                                                        | No                                                                      |                                     |
| Cumene (98-82-8)                                         | ·                                                              | ·                                                                         | ·                                                                       |                                     |
| U.S California -<br>Proposition 65 -<br>Carcinogens List | U.S California -<br>Proposition 65 -<br>Developmental Toxicity | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk leve (NSRL)    |
| Yes                                                      | No                                                             | No                                                                        | No                                                                      |                                     |
| Silica: Crystalline, qua                                 | irtz (14808-60-7)                                              |                                                                           |                                                                         |                                     |
| U.S California -<br>Proposition 65 -<br>Carcinogens List | U.S California -<br>Proposition 65 -<br>Developmental Toxicity | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk leve<br>(NSRL) |
| Yes                                                      | No                                                             | No                                                                        | No                                                                      |                                     |
|                                                          |                                                                |                                                                           | •                                                                       | •                                   |
| Carbon black (1333-86                                    |                                                                |                                                                           |                                                                         |                                     |
| U.S California -<br>Proposition 65 -<br>Carcinogens List | U.S California -<br>Proposition 65 -<br>Developmental Toxicity | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk leve (NSRL)    |
| Yes                                                      | No                                                             | No                                                                        | No                                                                      |                                     |
| Titanium dioxide (1346                                   | 33-67-7)                                                       |                                                                           |                                                                         |                                     |
| U.S California -<br>Proposition 65 -<br>Carcinogens List | U.S California -<br>Proposition 65 -<br>Developmental Toxicity | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk leve (NSRL)    |
| Yes                                                      | No                                                             | No                                                                        | No                                                                      | NA                                  |

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| Toluene (108-88-3)                                                                                           |                                                                |                                                                           |                                                                         |                                   |
|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------|
| U.S California -<br>Proposition 65 -<br>Carcinogens List                                                     | U.S California -<br>Proposition 65 -<br>Developmental Toxicity | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk level (NSRL) |
| No                                                                                                           | Yes                                                            | No                                                                        | No                                                                      |                                   |
| Formaldehyde (50-00-0                                                                                        | ))                                                             | <u> </u>                                                                  |                                                                         |                                   |
| U.S California -<br>Proposition 65 -<br>Carcinogens List                                                     | osition 65 - Proposition 65 - F                                |                                                                           | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk level (NSRL) |
| Yes                                                                                                          | No                                                             | No                                                                        | No                                                                      |                                   |
| Benzene                                                                                                      |                                                                | ·                                                                         | <u> </u>                                                                | ·                                 |
| U.S California -<br>Proposition 65 -<br>Carcinogens List                                                     | U.S California -<br>Proposition 65 -<br>Developmental Toxicity | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk level (NSRL) |
| Yes                                                                                                          | Yes                                                            | No                                                                        | Yes                                                                     |                                   |
| Napthalene                                                                                                   | -                                                              | <b>-</b>                                                                  |                                                                         |                                   |
| U.S California - Proposition 65 - Carcinogens List  U.S California - Proposition 65 - Developmental Toxicity |                                                                | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significance risk level (NSRL) |
| Yes                                                                                                          | No                                                             | No                                                                        | No                                                                      |                                   |

### Xylenes (o-, m-, p- isomers) (1330-20-7)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

### Ethylbenzene (100-41-4)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

### Benzene, 1,2,4-trimethyl- (95-63-6)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

### Talc (14807-96-6)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

### Titanium dioxide (13463-67-7)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

### Carbon black (1333-86-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

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### **SECTION 16: Other information**

Indication of changes: Version: 1.0 **Revision date** : 05/30/2018 Other information: Author: DW

NFPA health hazard: 3 - Short exposure could cause serious temporary or

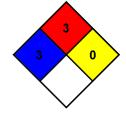
residual injury even though prompt medical attention was

NFPA fire hazard: 3 - Liquids and solids that can be ignited under almost all

ambient conditions.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions,

and are not reactive with water.



### **HMIS III Rating**

Health: 3\* Flammability: 3 Physical: 0 Personal Protection :

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product