

# SAFETY DATA SHEET

#### **DOW AGROSCIENCES LIMITED**

Safety Data Sheet according to Reg. (EU) No 453/2010

Product name: ASTROKERB Herbicide Revision Date: 13.08.2014

Version: 1.3

**Print Date:** 13.08.2014

DOW AGROSCIENCES LIMITED encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

# SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifiers

Product name: ASTROKERB Herbicide

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

**Identified uses:** Plant Protection Product

# 1.3 Details of the supplier of the safety data sheet

COMPANY IDENTIFICATION

DOW AGROSCIENCES LIMITED

LATCHMORE COURT

BRAND STREET

HITCHIN

HITCHIN England SG5 1NH UNITED KINGDOM

**Customer Information Number:** 

SDSQuestion@dow.com

#### 1.4 EMERGENCY TELEPHONE NUMBER

**24-Hour Emergency Contact:** 0031 115 694 982 **Local Emergency Contact:** 00 31 115 69 4982

# **SECTION 2. HAZARDS IDENTIFICATION**

# 2.1 Classification of the substance or mixture

# Classification according to Regulation (EU) 1272/2008:

Carcinogen - Category 2 - H351

Chronic aquatic toxicity - Category 2 - H411

For the full text of the H-Statements mentioned in this Section, see Section 16.

# Classification according to EU Directives 67/548/EEC or 1999/45/EC:

Carc.Cat.3 - R40

Dangerous for the environment - R51/53

Product name: ASTROKERB Herbicide Revision Date: 13.08.2014

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For the full text of the R-phrases mentioned in this Section, see Section 16.

#### 2.2 Label elements

# Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]:

# **Hazard pictograms**



Signal word: WARNING

## **Hazard statements**

H351 Suspected of causing cancer.

H411 Toxic to aquatic life with long lasting effects.

### **Supplemental Hazard Statements**

EUH401 To avoid risks to human health and the environment, comply with the instructions for

use.

#### **Precautionary statements**

P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or

collection site except for empty clean containers which can be disposed of as non-

hazardous waste.

Contains Propyzamide (ISO)

# 2.3 Other hazards

no data available

# SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

# 3.2 Mixture

This product is a mixture.

| The product to a tribitation |              |               |           |                    |
|------------------------------|--------------|---------------|-----------|--------------------|
| CASRN/                       | REACH        |               |           | Classification:    |
| EC-No./                      | Registration | Concentration | Component | REGULATION (EC) No |
| Index-No.                    | Number       |               |           | 1272/2008          |

| CASRN<br>23950-58-5<br>EC-No.<br>245-951-4<br>Index-No.<br>616-055-00-4 |                  | 43.7%   | Propyzamide (ISO)         | Carc 2 - H351<br>Aquatic Acute - 1 - H400<br>Aquatic Chronic - 1 - H410 |
|---|------------------|---------|---------------------------|---|
| CASRN<br>566191-87-5<br>EC-No.<br>Not available<br>Index-No.            | -                | 0.6%    | Aminopyralid<br>Potassium | Not classified  |
| CASRN<br>57-55-6<br>EC-No.<br>200-338-0<br>Index-No.                    | 01-2119456809-23 | < 5.0 % | Propylene glycol          | Not classified  |

For the full text of the H-Statements mentioned in this Section, see Section 16.

| CASRN / EC-No. / Index-No.                               | Concentration | Component                 | Classification:<br>67/548/EEC     |
|--|---------------|---------------------------|-----------------------------------|
|  | _             |                           |                                   |
| CASRN 23950-58-5 EC-No. 245-951-4 Index-No. 616-055-00-4 | 43.7%         | Propyzamide (ISO)         | Carc.Cat.3 - R40<br>N - R50 - R53 |
| CASRN 566191-87-5 EC-No. Not available Index-No. —       | 0.6%          | Aminopyralid<br>Potassium | Not classified                    |
| CASRN<br>57-55-6<br>EC-No.<br>200-338-0<br>Index-No.     | < 5.0 %       | Propylene glycol          | Not classified                    |

For the full text of the R-phrases mentioned in this Section, see Section 16.

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# **SECTION 4. FIRST AID MEASURES**

#### 4.1 Description of first aid measures

**General advice:** If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: No emergency medical treatment necessary.

**Skin contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Suitable emergency safety shower facility should be available in work area.

**Eye contact:** Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Ingestion: No emergency medical treatment necessary.

**4.2 Most important symptoms and effects, both acute and delayed:** Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

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

**Notes to physician:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment.

# **SECTION 5. FIREFIGHTING MEASURES**

#### 5.1 Extinguishing media

**Suitable extinguishing media:** To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam.

Unsuitable extinguishing media: no data available

# 5.2 Special hazards arising from the substance or mixture

**Hazardous combustion products:** Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to: Nitrogen oxides. Hydrogen chloride. Carbon monoxide. Carbon dioxide.

**Unusual Fire and Explosion Hazards:** This material will not burn until the water has evaporated. Residue can burn.

#### 5.3 Advice for firefighters

**Fire Fighting Procedures:** Keep people away. Isolate fire and deny unnecessary entry. To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage. Review the "Accidental Release Measures" and the "Ecological Information" sections of this (M)SDS.

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Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

# **SECTION 6. ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures: Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.
- **6.2 Environmental precautions:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.
- 6.3 Methods and materials for containment and cleaning up: Contain spilled material if possible. Small spills: Absorb with materials such as: Clay. Dirt. Sand. Sweep up. Collect in suitable and properly labeled containers. Large spills: Contact Dow AgroSciences for clean-up assistance. See Section 13, Disposal Considerations, for additional information.
- 6.4 Reference to other sections: References to other sections, if applicable, have been provided in the previous sub-sections.

# **SECTION 7. HANDLING AND STORAGE**

- 7.1 Precautions for safe handling: Keep out of reach of children. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Wash thoroughly after handling. Use with adequate ventilation. Spills of these organic materials on hot fibrousinsulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.
- 7.2 Conditions for safe storage, including any incompatibilities: Store in a dry place. Store in original container. Keep container tightly closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies.
- 7.3 Specific end use(s): Refer to product label.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1 Control parameters

Exposure limits are listed below, if they exist.

| Component        | Regulation | Type of listing | Value/Notation    |
|------------------|------------|-----------------|-------------------|
| Propylene glycol | US WEEL    | TWA             | 10 mg/m3          |
|                  | GB EH40    | TWA             | 474 mg/m3 150 ppm |
|                  | GB EH40    | TWA             | 10 mg/m3          |

RECOMMENDATIONS IN THIS SECTION ARE FOR MANUFACTURING. COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD SEE THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.

#### 8.2 Exposure controls

**Engineering controls:** Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations.

#### Individual protection measures

**Eye/face protection:** Use safety glasses (with side shields). Safety glasses (with side shields) should be consistent with EN 166 or equivalent.

# **Skin protection**

Hand protection: Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms. Examples of preferred glove barrier materials include: Butyl rubber. Chlorinated polyethylene. Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Examples of acceptable glove barrier materials include: Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). Viton. When prolonged or frequently repeated contact may occur, a glove with a protection class of 4 or higher (breakthrough time greater than 120 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to EN 374) is recommended. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

**Other protection:** Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. Use the following CE approved air-purifying respirator: Organic vapor cartridge with a particulate pre-filter, type AP2.

# **Environmental exposure controls**

See SECTION 7: Handling and storage and SECTION 13: Disposal considerations for measures to prevent excessive environmental exposure during use and waste disposal.

# SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 Information on basic physical and chemical properties

**Appearance** 

Physical state Liquid.
Color Brown
Odor Mild

Odor Threshold No test data available

pH 7.2 1% pH Electrode (1% aqueous suspension)

Melting point/range Not applicable

Freezing point No test data available

Boiling point (760 mmHg) No test data available

Flash point closed cup > 100 °C Pensky-Martens Closed Cup ASTM D 93

**Evaporation Rate (Butyl Acetate** 

= 1)

No test data available

Flammability (solid, gas) Not Applicable

Lower explosion limit No test data available

Upper explosion limit
Vapor Pressure
Relative Vapor Density (air = 1)
Relative Density (water = 1)
Water solubility
No test data available
no data available

octanol/water

**Auto-ignition temperature** EC Method A15 none below 400 degC

**Decomposition temperature** No test data available

Kinematic Viscosity not applicable Explosive properties No EEC A14

Oxidizing properties No significant increase (>5C) in temperature.

9.2 Other information

**Liquid Density** 1.139 g/cm3 at 20.0 °C *Digital density meter* 

Molecular weight no data available

NOTE: The physical data presented above are typical values and should not be construed as a specification.

# **SECTION 10. STABILITY AND REACTIVITY**

10.1 Reactivity: no data available

10.2 Chemical stability: Thermally stable at typical use temperatures.

**10.3 Possibility of hazardous reactions:** Polymerization will not occur.

**10.4 Conditions to avoid:** Some components of this product can decompose at elevated temperatures.

10.5 Incompatible materials: Avoid contact with: Strong oxidizers.

**10.6 Hazardous decomposition products:** Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Hydrogen chloride. Nitrogen oxides.

# **SECTION 11. TOXICOLOGICAL INFORMATION**

Toxicological information on this product or its components appear in this section when such data is available.

# 11.1 Information on toxicological effects

### **Acute toxicity**

# **Acute oral toxicity**

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

As product:

LD50, rat, female, > 5,000 mg/kg

#### Acute dermal toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product:

LD50, rat, > 5,000 mg/kg

# Acute inhalation toxicity

No adverse effects are anticipated from inhalation. Based on the available data, respiratory irritation was not observed.

As product:

LC50, rat, 4 Hour, Aerosol, > 5.5 mg/l No deaths occurred at this concentration.

### Skin corrosion/irritation

Brief contact may cause slight skin irritation with local redness.

# Serious eye damage/eye irritation

Essentially nonirritating to eyes.

# Sensitization

Did not cause allergic skin reactions when tested in guinea pigs.

For respiratory sensitization:

No relevant data found.

# Specific Target Organ Systemic Toxicity (Single Exposure)

Product test data not available.

# **Specific Target Organ Systemic Toxicity (Repeated Exposure)**

For the active ingredient(s):

In animals, effects have been reported on the following organs:

Adrenal gland.

Gastrointestinal tract.

Kidney.

Liver.

Ovaries.

Pancreas.

Thyroid.

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In rare cases, repeated excessive exposure to propylene glycol may cause central nervous system effects.

#### Carcinogenicity

For the active ingredient(s): Propyzamide. Has caused cancer in laboratory animals.

#### **Teratogenicity**

For the active ingredient(s): Propyzamide. Has been toxic to the fetus in laboratory animals at doses toxic to the mother. Did not cause birth defects in laboratory animals.

# Reproductive toxicity

For the active ingredient(s): Propyzamide. In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals.

#### Mutagenicity

For the active ingredient(s): In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

# **Aspiration Hazard**

Based on physical properties, not likely to be an aspiration hazard.

#### COMPONENTS INFLUENCING TOXICOLOGY:

### Propyzamide (ISO)

# **Specific Target Organ Systemic Toxicity (Single Exposure)**

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

# Propylene glycol

# Specific Target Organ Systemic Toxicity (Single Exposure)

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

#### SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological information on this product or its components appear in this section when such data is available.

# 12.1 Toxicity

#### Acute toxicity to fish

Material is toxic to aquatic organisms (LC50/EC50/IC50 between 1 and 10 mg/L in the most sensitive species).

LC50, Rainbow trout (Oncorhynchus mykiss), static test, 96 Hour, > 30.4 mg/l

# Acute toxicity to aquatic invertebrates

EC50, water flea Daphnia magna, static test, 48 Hour, > 34.5 mg/l

# Acute toxicity to algae/aquatic plants

ErC50, Pseudokirchneriella subcapitata (green algae), Growth inhibition, 72 Hour, 6.4 mg/l

ErC50, Lemna gibba, Growth inhibition, 7 d, 5.5 mg/l

# **Toxicity to Above Ground Organisms**

oral LD50, Apis mellifera (bees), 48 Hour, > 330.25micrograms/bee

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contact LD50, Apis mellifera (bees), 48 Hour, > 300micrograms/bee

# 12.2 Persistence and degradability

# Propyzamide (ISO)

Biodegradability: Biodegradation may occur under aerobic conditions (in the presence of oxygen).

no data available

Stability in Water (1/2-life)

Hydrolysis, pH 5 - 9, Half-life Temperature, Stable

# **Aminopyralid Potassium**

Biodegradability: For similar active ingredient(s). Aminopyralid. Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

10-day Window: Fail **Biodegradation:** 0 % Exposure time: 28 d

Method: OECD Test Guideline 301F or Equivalent

Biodegradability: Material is readily biodegradable. Passes OECD test(s) for readv biodegradability. Biodegradation may occur under anaerobic conditions (in the absence of oxvaen).

10-day Window: Pass **Biodegradation:** 81 % Exposure time: 28 d

Method: OECD Test Guideline 301F or Equivalent

10-day Window: Not applicable **Biodegradation:** 96 % Exposure time: 64 d

Method: OECD Test Guideline 306 or Equivalent

# 12.3 Bioaccumulative potential

Bioaccumulation: No data available.

#### 12.4 Mobility in soil

# Propyzamide (ISO)

Potential for mobility in soil is low (Koc between 500 and 2000).

Partition coefficient(Koc): 840 Measured

# **Aminopyralid Potassium**

For similar active ingredient(s).

Potential for mobility in soil is very high (Koc between 0 and 50).

# Propylene glycol

Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process.

Potential for mobility in soil is very high (Koc between 0 and 50).

Partition coefficient(Koc): < 1 Estimated.

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#### 12.5 Results of PBT and vPvB assessment

# Propyzamide (ISO)

This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

### **Aminopyralid Potassium**

This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

# Propylene glycol

This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

# 12.6 Other adverse effects

# Propyzamide (ISO)

This substance is not in Annex I of Regulation (EC) No 1005/2009 on substances that deplete the ozone layer.

# **Aminopyralid Potassium**

This substance is not in Annex I of Regulation (EC) No 1005/2009 on substances that deplete the ozone layer.

# Propylene glycol

This substance is not in Annex I of Regulation (EC) No 1005/2009 on substances that deplete the ozone layer.

# **SECTION 13. DISPOSAL CONSIDERATIONS**

#### 13.1 Waste treatment methods

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

The definitive assignment of this material to the appropriate EWC group and thus its proper EWC code will depend on the use that is made of this material. Contact the authorized waste disposal services.

# **SECTION 14. TRANSPORT INFORMATION**

# Classification for ROAD and Rail transport (ADR/RID):

**14.1 UN number** UN 3082

**14.2** Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

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N.O.S.(Propyzamide)

 14.3 Class
 9

 14.4 Packing group
 III

**14.5 Environmental hazards** Propyzamide

14.6 Special precautions for user

Hazard identification No: 90

# Classification for SEA transport (IMO-IMDG):

**14.1 UN number** UN 3082

**14.2** Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.(Propyzamide)

 14.3 Class
 9

 14.4 Packing group
 III

14.5 Environmental hazards Propyzamide14.6 Special precautions for user EmS: F-A, S-F

14.7 Transport in bulk according to Annex I or II of MARPOL

73/78 and the IBC or IGC Code

Consult IMO regulations before transporting ocean bulk

Classification for AIR transport (IATA/ICAO):

**14.1 UN number** UN 3082

**14.2 Proper shipping name** Environmentally hazardous substance, liquid,

n.o.s.(Propyzamide)

 14.3 Class
 9

 14.4 Packing group
 III

14.5 Environmental hazards Not applicable14.6 Special precautions for user No data available.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

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# **SECTION 15. REGULATORY INFORMATION**

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Other regulations

Registration Number: MAPP 16184\_

This product contains only components that have been either pre-registered, registered, are exempt from registration or are regarded as registered according to Regulation (EC) No. 1907/2006 (REACH). The aforementioned indications of the REACH registration status are provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. It is the buyer's/user's responsibility to ensure that his/her understanding of the regulatory status of this product is correct.

# 15.2 Chemical Safety Assessment

For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

# **SECTION 16. OTHER INFORMATION**

# Full text of H-Statements referred to under sections 2 and 3.

H351 Suspected of causing cancer. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.H411 Toxic to aquatic life with long lasting effects.

# Full text of R-phrases referred to under sections 2 and 3

R40 Limited evidence of a carcinogenic effect.

R50 Very toxic to aquatic organisms.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

R53 May cause long-term adverse effects in the aquatic environment.

# Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

CANCER - 2 - H351 - Calculation method Aquatic Chronic - 2 - H411 - Calculation method

#### Revision

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DAS Code: GF-2540

Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this

document.

#### Legend

| GB EH40 | UK. EH40 WEL - Workplace Exposure Limits               |
|---------|--|
| TWA     | Long-term exposure limit (8-hour TWA reference period) |
| US WEEL | USA. Workplace Environmental Exposure Levels (WEEL)    |

#### **Information Source and References**

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

DOW AGROSCIENCES LIMITED urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.