SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1272/2008 and 1999/45/EC or 67/548/EEC.

PROSTAR			
Revision Date	24-September-2021	**Version** 2	**Product No** JTA/UK/019
Publish Date	22-October-2019		

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

PROSTAR

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

Recommended Use Herbicide
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier Address

JT Agro Ltd
126-134 Baker Street,
London W1U 6UE, UK.
Tel: +44 1628 421 890 Fax: +44 1628 421623

For further information, please contact

Email address info@jtagro-cropthetics.co.uk

1.4. Emergency telephone number

Emergency Telephone

National Chemical Emergency Centre (UK):
Tel: 01865 407333 (24 hours)

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

Skin irritation	Category 2 – (H315)	Causes skin irritation
Eye Irritation	Category 2 – (H319)	Causes serious eye irritation
Skin sensitization	Category 1 – (H317)	May Cause an allergic skin reaction

Aspiration hazard	Category 1 – (H304)	May be fatal if swallowed and enters airways
Short term Acute Aquatic toxicity	Category 1 – (H400)	Very toxic to aquatic life
Long term Chronic Aquatic toxicity	Category 1 – (H410)	Very toxic to aquatic life with long lasting effects

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Pictograms:

Signal word	Danger
Hazard statements	H304 May be fatal if swallowed and enters airways. H317 May cause allergic skin reaction H319 Causes serious eye irritation H410 Very 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	**Prevention** P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/protective cloths/ eye protection/ face protection. **Response** P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 Do NOT induce vomiting P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. comply with the instructions for use. **Disposal** P501 Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty triple rinsed clean containers which can be disposed of as non-hazardous waste.

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No EC No. Reg. No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Concentration (% w/w)
prosulfocarb (ISO	52888-80-9 401-730-6 006-072-00-X	Acute Tox. 4; H302 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	>= 70 - < 90
Solvent naphtha (petroleum), light arom.; Low-boiling point naphtha-unspecified	64742-95-6 265-199-0 649-356-00-4 01-2119455851-35	Flam. Liq. 3; H226 STOT SE 3; H336 STOT SE 3; H335 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 10 - < 20
calcium dodecylbenzene sulpho-nate	26264-06-2 247-557-8 01-2119560592-37	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 3 - < 10
2-ethylhexan-1-ol	104-76-7 203-234-3 01-2119487289-20	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335	>= 1 - < 10

For explanation of abbreviations see section 16.

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice

Have the product container, label or Material Safety Data Sheet with you when calling an emergency number, a poison control centre or physician, or going for treatment.

Inhalation

Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or poison control centre immediately.

Skin Contact

Take off all contaminated clothing immediately. Wash off immediately with plenty of soap and water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required

Ingestion

If swallowed, seek medical advice immediately and show this container or label.
Do NOT induce vomiting: contains petroleum distillates and/or aromatic solvents.

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

Symptoms Aspiration may cause pulmonary oedema and pneumonitis.

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

Treatment There is no specific antidote available. Treat symptomatically. Do not induce vomiting contains petroleum distillates and/or aromatic solvents.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media - small fires
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Extinguishing media - large fires
Alcohol-resistant foam

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting
As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Flash back possible over considerable distance.

5.3. Advice for firefighters

Special protective equipment for firefighters
Wear full protective clothing and self-contained breathing apparatus.

Further information
Do not allow run-off from firefighting to enter drains or water courses. Cool closed containers exposed to fire with water spray.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8. Keep people away from and upwind of spill/leak. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Remove all sources of ignition. Pay attention to flashback.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4. Reference to other sections

For disposal considerations see section 13., Refer to protective measures listed in sections 7 and 8.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. When using do not eat, drink or smoke. Use only in an area containing flame proof equipment. Take precautionary measures against static discharges. For personal protection see section 8.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from combustible material. Keep in an area equipped with sprinklers. Keep away from food, drink and animal feeding stuffs. No smoking.

7.3. Specific end use(s)

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

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational Exposure Limits

Component	CAS-No	Value type (Form of exposure)	Control parameters	Basis
prosulfocarb (ISO)	52888-80-9	TWA	4 mg/m3	-
Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified	64742-95-6	TWA	19 ppm 100 mg/m3	-
2-ethylhexan-1-ol	104-76-7	TWA	1 ppm 5.4 mg/m3	2017/164/EU
Further information	Indicative			

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Solvent naphtha (pe- troleum), light arom.; Low boiling point naphtha - unspecified	Workers	Inhalation	Long-term systemic effects	150 mg/m3
	Workers	Dermal	Long-term systemic effects	25 mg/kg
	Consumers	Inhalation	Long-term systemic effects	32 mg/m3
	Consumers	Dermal	Long-term systemic effects	11 mg/kg
	Consumers	Oral	Long-term systemic effects	11 mg/kg

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
calcium dodecylben- zene sulphonate	Workers	Dermal	Long-term systemic effects	1.7 mg/kg
	Consumers	Oral	Short-term exposure, Systemic effects	89 mg/kg
	Consumers	Dermal	Long-term systemic effects	85 mg/kg
2-ethylhexan-1-ol	Consumers	Ingestion	Long-term systemic effects	1.1 mg/kg
	Workers	Dermal	Long-term systemic effects	23 mg/kg
	Consumers	Dermal	Long-term systemic effects	11.4 mg/kg
	Workers	Inhalation	Acute local effects	106.4 mg/m3
	Consumers	Inhalation	Acute local effects	53.2 mg/m3
	Workers	Inhalation	Long-term systemic effects	53.2 mg/m3
	Consumers	Inhalation	Long-term systemic effects	2.3 mg/m3

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
calcium dodecylbenzene sulpho- nate	Fresh water	0.023 mg/l
	Marine water	0.0023 mg/l
	Fresh water sediment	0.174 mg/kg
	Marine sediment	0.0174 mg/kg
	Soil	0.62 mg/kg
	Sewage treatment plant	3 mg/l
	Intermittent use/release	0.01 mg/l
2-ethylhexan-1-ol	Fresh water	0.017 mg/l
	Marine water	0.0017 mg/l
	Intermittent use/release	0.17 mg/l
	Fresh water sediment	28 mg/kg
	Marine sediment	0.028 mg/kg
	Sewage treatment plant	10 mg/kg
	Soil	0.047 mg/kg

8.2. Exposure controls

Engineering Controls

Engineering Measures Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. Maintain air concentrations below occupational exposure standards. Where necessary, seek additional occupational hygiene advice.

Personal protective equipment

Eye protection:

No special protective equipment required.

Hand protection Material:

Nitrile rubber

Break through time: > 480 min

Glove thickness: 0.5 mm

Remarks: The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The breakthrough time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it**.**

Respiratory Protection

When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators. Suitable respiratory equipment: Respirator with a half face mask the filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Use only respiratory protection equipment with CE-symbol including four-digit test number.

Filter type: Particulates type (P)

Hand protection

Chemical resistant gloves should be used. Gloves should be certified to an appropriate standard. Gloves should have a minimum breakthrough time that is appropriate to the duration of exposure.

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. Remove and wash contaminated clothing before re-use. Wear as appropriate: Impervious clothing

Protective measures

The use of technical measures should always have priority over the use of personal protective equipment. When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Property	Values	Method	Remarks
Appearance			
Physical State	Liquid		
Colour	Pale Yellow to brownish yellow		
Odour	Aromatic		
Odour threshold	No data available		
pH	6	CIPAC MT 75	Solution (1%)

Melting point/freezing point °C	N/A		Not applicable
Boiling point/boiling range °C	No data available		
Flash point °C	> 73	EEC A9	
Evaporation rate	Not applicable		
Flammability (solid, gas)	Not Applicable for liquid		
Upper/lower flammability or explosive properties	No data available		
Vapour pressure kPa	-		Not Applicable
Vapour density	No data available		
Density	1.012 g/mcm^3	-	
Solubility in other solvent	No data available		-
Paritition Coefficient (n-octanol/water) Log Pow			See Section 12 for more information
Explosive properties	Not explosive	EEC A. 14	
Oxidizing properties	The substance or mixture is not classified as oxidizing		

9.2. Other information

Surface Tension No data available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
See section 10.3

10.2. Chemical stability
Stable under normal conditions

10.3. Possibility of hazardous reactions
None known under normal conditions of use

10.4. Conditions to avoid
No decomposition if used as directed

10.5. Incompatible materials
No information available

10.6. Hazardous decomposition products
Combustion or thermal decomposition many evolve toxic and irritant vapours.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product	Values	Species	Method
Acute oral LD50 mg/kg	>2000	Rat (Male &Female)	OECD 423
Acute dermal LD50 mg/kg	> 4000	Rat	OECD 402
Acute Inhalation LC50 mg/l/4h	> 4.7	Rabbit	OECD 403

Components:

prosulfocarb (ISO):

Acute oral toxicity: LD50 (Rat, female): 1.958 mg/kg
LD50 (Rat, male): 1.820 mg/kg

Acute inhalation toxicity: LC50 (Rat): > 4.7 mg/l Exposure time: 4 h

Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity: LD50 (Rat): > 2.000 mg/kg

Assessment: The substance or mixture has no acute dermal toxicity

Solvent naphtha (petroleum), light arom: Low boiling point naphtha -unspecified:

Acute oral toxicity: LD50 (Rat): 3.952 mg/kg

2-ethylhexan-1-ol:

Acute oral toxicity: LD50 (Rat): 2.047 mg/kg

Acute inhalation toxicity: LC50 (Rat): > 0.89-5.3 mg/l

Exposure time: 4 h Test atmosphere: dust/mist

Skin corrosion/irritation

Components:

prosulfocarb (ISO):

Species: Rabbit

Result: No skin irritation

solvent naphtha (petroleum), light arom:

Result: No skin irritation

2-methylpropan-1-ol:

Species: Rabbit

Result: Irritating to skin.

Serious eye damage/eye irritation

Components:

prosulfocarb (ISO):

Species: Rabbit Result: No eye irritation

calcium dodecylbenzene sulphonate.:

Result: No eye irritation

2-ethylhexan-1-ol:

Species Rabbit: Irritation to eyes, reversing within 21 days.

Respiratory or skin sensitisation

Test Type: Buehler Test

Species: Guinea pig

Result: A skin sensitizer in animal tests.

Remarks: The toxicological data has been taken from products of similar composition.

Components:

prosulfocarb (ISO):

Species: Guinea pig Result: May cause sensitisation by skin contact.

2-ethylhexan-1-ol:

Result: Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Components:

prosulfocarb (ISO)

Germ cell mutagenicity- Assessment:

Animal testing did not show any mutagenic effects.

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:

Germ cell mutagenicity- Assessment:

Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P

Carcinogenicity

Components:

prosulfocarb (ISO):

Assessment: Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P

Solvent naphtha (petroleum), light arom.: Carcinogenicity-

Assessment: Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

2-ethylhexan-1-ol:

Assessment: No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Components:

prosulfocarb (ISO):

Reproductive toxicity- Assessment: No toxicity to reproduction

2-ethylhexan-1-ol:

Reproductive toxicity- Assessment: Animal testing did not show any effects on fertility. Animal testing did not show any effects on foetal development.

STOT - single exposure

Components:

solvent naphtha (petroleum), light arom.:

Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

2-ethylhexan-1-ol

Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

Repeated dose toxicity

Components:

prosulfocarb (ISO):

Remarks: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

Aspiration toxicity

Product:

Aspiration hazard if swallowed - can enter lungs and cause damage.

Components:

solvent naphtha (petroleum), light arom.: May be fatal if enters airways

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product:

Aquatic toxicity

Acute toxicity	Values	Species	Remark
Fish 96-hour LC50 mg/l	3	Rainbow trout	Remarks: Based on test results obtained with similar product
Daphnia 48-hour EC50 mg/l	2.2	Daphnia magna	Based on test results obtained with similar product
Algae 96-hour EC50 mg/l	0.18	Pseudokirchneriella subcapitata	Based on test results obtained with similar product
NOEC (Pseudokirchneriella subcapitata (green algae)): 96- hour EC50 mg/l	0.010	(Pseudokirchneriella subcapitata (green algae)):	Based on test results obtained with similar product

Prosulfocarb (ISO):

Components	Value	Species	Remarks
Fish 96-hour LC50 mg/l	0.84	Rainbow trout	Remarks: Based on test results obtained with similar product
Daphnia 48-hour EC50 mg/l	0.51	Daphnia magna	Based on test results obtained with similar product
Algae 72-hour ErC50 mg/l	0.120	Pseudokirchneriella subcapitata	Based on test results obtained with similar product
NOEC (Pseudokirchneriella subcapitata (green algae)): 72- hour EC50 mg/l	0.009	Pseudokirchneriella subcapitata	
ErC50 (Navicula pelliculosa (Freshwater diatom): 72- hour	0.68	green algae	
End point: Growth rate			
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) NOEC: 21 days mg/l	0.045	Daphnia magna (Water flea)	

Solvent naptha (petroleum), light arom.; Low boiling point naphtha-unspecified:

Components	Value	Species	Remarks
Toxicity to fish (Chronic toxicity): NOELR 28- days mg/l	1.23	Oncorhynchus mykiss (rainbow trout)	
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) NOELR 28 – days mg/l	2.14	Daphnia magna (Water flea)	
Ecotoxicology Assessment Chronic aquatic toxicity			Toxic to aquatic life with long lasting effects

2-methylpropan-1-ol:

Components	Value	Species	Remarks
Toxicity to fish, LC50 96- hour mg/l	17.1	Pimephales promelas (fathead minnow)	Test- flow-through test
EC50 (Daphnia magna (Water flea) toxicity to daphnia-48 - hour mg/l	39	Daphnia magna (Water flea)	Test Type: static test
Toxicity to algae: EC50 (Pseudokirchneriella subcapitata) end point growth rate 72 - hour	16.6	(Pseudokirchneriella subcapitata (green algae))	

Ecotoxicology Assessment

Chronic aquatic toxicity Toxic to aquatic life with long lasting effects.

calcium dodecylbenzene sulphonate:

Ecotoxicology Assessment

Chronic aquatic toxicity Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Components:

prosulfocarb (ISO):

Bio-degradability — Result: Not readily biodegradable.

Stability in water — Degradation half-life: 159-29 d

Remarks: Persistent in water

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha-unspecified:

Bio-degradability — Result: Readily biodegradable.

2-ethylhexan-1-ol

Bio-degradability — Result: Readily biodegradable.

12.3. Bio-accumulative potential

Components:

prosulfocarb (ISO):

Bioaccumulation — Remarks: Prosulfocarb bioaccumulates.

12.4. Mobility in soil

Components:

prosulfocarb (ISO):

Distribution among environmental compartments — Remarks: Slightly mobile in soils

Stability in soil — Dissipation time: 35 d

Percentage dissipation: 50% (DT50)

Remarks: Product is not persistent

12.5. Results of PBT and vPvB assessment

Product:

Assessment: This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher**.**

Components:

prosulfocarb (ISO):

Assessment: 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).

solvent naphtha (petroleum), light arom.: Low boiling point naphtha -unspecified

Assessment: 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).

2-ethylhexan-1-ol:

Assessment: 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

No data available.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused product

Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging

Empty remaining contents. Triple rinse containers. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

Waste Code

15 01 10, packaging containing residues of or contaminated by hazardous substances.

Section 14: TRANSPORTATION INFORMATION

14.1 UN Number:

ADN: UN 3082
ADR: UN 3082
RID: UN 3082
IMDG: UN 3082

IATA: UN 3082

14.2 UN proper shipping name:

ADN: Environmentally hazardous substance, liquid, N.O.S. (prosulfocarb and solvent naphtha)
ADR: Environmentally hazardous substance, liquid, N.O.S. (prosulfocarb and solvent naphtha)
RID: Environmentally hazardous substance, liquid, N.O.S. (prosulfocarb and solvent naphtha)
IMDG: Environmentally hazardous substance, liquid, N.O.S. (prosulfocarb and solvent naphtha)
IATA: Environmentally hazardous substance, liquid, N.O.S. (prosulfocarb and solvent naphtha)

14.3 Transport hazard class(es)

ADN:	9
ADR:	9
RID:	9
IMDG:	9
IATA:	9

14.4 Packing Group

ADN

Packing group:	III	
Classification code:		M6
Hazard ID No.		90
Labels:		9

ADR

Packing group:	III	
Classification Code:		M6
Hazard Identification Number:	90	
Labels:	9	
Tunnel restriction code:		(-)

RID

Packing group:	III	
Classification Code:		M6
Hazard Identification Number:	90	
Labels:	9	

IMDG

Packing group:	III	
Labels:	9	
EmS Code:		F-E, S-E

IATA

Packing instruction (cargo aircraft):		964
Packing instruction (LQ):		Y964
Packing group:	III	
Labels:		Miscellaneous

14.5 Environmental hazards:

ADN Environmentally hazardous:	yes
ADR Environmentally hazardous:	yes
RID Environmentally hazardous:	yes

IMDG Marine pollutant: yes
IATA (Passenger/Cargo) Yes
Environmentally hazardous

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable for product as supplied

Section 15: REGULATORY INFORMATION

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

Not applicable

Other regulations:

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

15.2. Chemical safety assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

Section 16: OTHER INFORMATION

Further information

Use plant protection products safely. Always read the label and product information before use.

Full text of H-Statements

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet