



**MAISTER WG**

Version 6 / GB  
102000012405

1/14  
Revision Date: 18.04.2023  
Print Date: 18.04.2023

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**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

**Trade name** MAISTER WG  
**Product code (UVP)** 06480500  
**UFI** 5RP0-70DG-4007-68GQ (for Northern Ireland only) (voluntary notification)

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

**Use** Herbicide

**1.3 Details of the supplier of the safety data sheet**

**Supplier** Bayer CropScience Limited  
230 Cambridge Science Park  
Milton Road  
Cambridge  
Cambridgeshire CB4 0WB  
United Kingdom

**Telephone** +44(0)1223 226500

**Telefax** +44(0)1223 426240

**Responsible Department** Email: gb-bcs-crop-regulatory-affairs@bayer.com

**FOR IRELAND & NORTHERN IRELAND:** Bayer CropScience Ltd  
Bayer Ltd  
1st Floor, The Grange Offices  
The Grange, Brewery Road  
Stillorgan  
Co. Dublin  
A94 H2K7  
Ireland

**Telephone** +353 1 216 3300

**1.4 Emergency telephone no.**

**Emergency telephone no.** 00800 1020 3333 (24 hr) (not available on non-contract mobile phones)

**For Medical Professionals:** You can also contact the relevant NPIS.  
**For Members of the Public:** You can also contact NHS111 (for GB) or your local GP (for Northern Ireland).

**National Poisons Information Centre Dublin** +353-1-809 2166 (available from 8 am to 10 pm every day)

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### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.**

Skin sensitisation: Category 1  
H317 May cause an allergic skin reaction.

Carcinogenicity: Category 2  
H351 Suspected of causing cancer.

Acute aquatic toxicity: Category 1  
H400 Very toxic to aquatic life.

Chronic aquatic toxicity: Category 1  
H410 Very toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

**Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.**

Hazard label for supply/use required.

**Hazardous components which must be listed on the label:**

- Foramsulfuron
- Iodosulfuron-methyl-sodium
- Isoxadifen-ethyl



**Signal word:** Warning

#### Hazard statements

H317 May cause an allergic skin reaction.  
H410 Very toxic to aquatic life with long lasting effects.  
H351 Suspected of causing cancer.  
EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

#### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P391 Collect spillage.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P405 Store locked up.  
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.

#### 2.3 Other hazards

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No additional hazards known beside those mentioned.

Foramsulfuron: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). Isoxadifen-ethyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). Iodosulfuron-methyl-sodium: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).

**Ecological information:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Toxicological information:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Chemical nature**

Water dispersible granules (WG)

Foramsulfuron/Iodosulfuron-methyl-sodium/Isoxadifen-ethyl 30,0:1,0:30,0 % ww

**Hazardous components**

Hazard statements according to Regulation (EC) No. 1272/2008

Name	CAS-No. / EC-No. / REACH Reg. No.	Classification	Conc. [%]
		REGULATION (EC) No 1272/2008	
Foramsulfuron	173159-57-4	Aquatic Chronic 3, H412	30.00
Iodosulfuron-methyl-sodium	144550-36-7		1.00
Isoxadifen-ethyl	163520-33-0 01-0000018707-62-0000		30.00
Olefin sulphonate, sodium salt	68439-57-6 01-2119513401-57-xxxx	Skin Irrit. 2, H315 Eye Dam. 1, H318	> 1.00 – < 5.00
Polyarylphenylether sulfate, ammonium salt	119432-41-6	Aquatic Chronic 3, H412	> 1.00 – < 25.00
Calcium carbonate	1317-65-3	Not classified	> 1.00

**Further information**

Iodosulfuron-methyl-sodium	144550-36-7	M-Factor: 1,000 (acute)
Isoxadifen-ethyl	163520-33-0	M-Factor: 1 (acute)

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

**Particle characteristics**



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This substance/ mixture does not contain nanoforms

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

<b>General advice</b>	Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.
<b>Inhalation</b>	Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.
<b>Skin contact</b>	Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. If symptoms persist, call a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.

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

**Symptoms** No symptoms known or expected.

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

<b>Risks</b>	Watch victim for at least 48 hours because of possible delayed signs of poisoning.
<b>Treatment</b>	Treat symptomatically. In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. There is no specific antidote.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

<b>Suitable</b>	Water spray, Carbon dioxide (CO <sub>2</sub> ), Foam, Sand
<b>Unsuitable</b>	High volume water jet

**5.2 Special hazards arising from the substance or mixture** In the event of fire the following may be released: Hydrogen cyanide (hydrocyanic acid), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Sulphur oxides

#### 5.3 Advice for firefighters

<b>Special protective equipment for firefighters</b>	In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.
<b>Further information</b>	Contain the spread of the fire-fighting media. Do not allow run-off from fire fighting to enter drains or water courses.



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### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**Precautions** Avoid dust formation. Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment.

**6.2 Environmental precautions** Do not allow to get into surface water, drains and ground water. If spillage enters drains leading to sewage works inform local water company immediately. If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).

#### **6.3 Methods and materials for containment and cleaning up**

**Methods for cleaning up** Use mechanical handling equipment. Clean contaminated floors and objects thoroughly, observing environmental regulations. Keep in suitable, closed containers for disposal.

**Additional advice** Check also for any local site procedures.

**6.4 Reference to other sections** Information regarding safe handling, see section 7.  
Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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### **SECTION 7: HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

**Advice on safe handling** No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Ensure adequate ventilation. Avoid dust formation.

**Advice on protection against fire and explosion** Keep away from heat and sources of ignition.

**Hygiene measures** Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands immediately after work, if necessary take a shower. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt).

#### **7.2 Conditions for safe storage, including any incompatibilities**

**Requirements for storage areas and containers** Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from frost. Store at room temperature.

**Advice on common storage** Keep away from food, drink and animal feedingstuffs.

**Suitable materials** Aluminium composite film (min. 0,007 mm Aluminium)

**7.3 Specific end use(s)** Refer to the label and/or leaflet.

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Components	CAS-No.	Control parameters	Update	Basis
Foramsulfuron	173159-57-4	10 mg/m <sup>3</sup> (TWA)		OES BCS*
Iodosulfuron-methyl-sodium	144550-36-7	1 mg/m <sup>3</sup> (TWA)		OES BCS*
Isoxadifen-ethyl	163520-33-0	1 mg/m <sup>3</sup> (SK-SEN)		OES BCS*
Calcium carbonate (Inhalable dust.)	1317-65-3	10 mg/m <sup>3</sup> (TWA)	2007	EH40 WEL
Calcium carbonate (Respirable.)	1317-65-3	4 mg/m <sup>3</sup> (TWA)	2007	EH40 WEL
Calcium carbonate (Inhalable)	1317-65-3	10 mg/m <sup>3</sup> (TWA)	2007	EH40 WEL
Calcium carbonate (Respirable dust.)	1317-65-3	4 mg/m <sup>3</sup> (TWA)	2007	EH40 WEL

\*OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

**8.2 Exposure controls**

Refer to COSHH assessment (Control of Substances Hazardous to Health (Amendment) Regulations 2004). Engineering controls should be used in preference to personal protective equipment wherever practicable. Refer also to COSHH Essentials.

**Personal protective equipment**

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

**Respiratory protection**

Respiratory protection is not required under anticipated circumstances of exposure.

Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.

**Hand protection**

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.

Wash gloves when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed.

Material	Nitrile rubber
Rate of permeability	> 480 min
Glove thickness	> 0.4 mm
Protective index	Class 6



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	Directive	Protective gloves complying with EN 374.
<b>Eye protection</b>		Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).
<b>Skin and body protection</b>		Wear standard coveralls and Category 3 Type 4 suit. If there is a risk of significant exposure, consider a higher protective type suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently. If chemical protection suit is splashed, sprayed or significantly contaminated, decontaminate as far as possible, then carefully remove and dispose of as advised by manufacturer.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

<b>Form</b>	water-dispersible granules
<b>Colour</b>	beige
<b>Odour</b>	No data available
<b>Odour Threshold</b>	No data available
<b>Melting point/range</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flammability</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Lower explosion limit</b>	No data available
<b>Flash point</b>	Not applicable
<b>Auto-ignition temperature</b>	No data available
<b>Ignition temperature</b>	385 °C
<b>Self-accelarating decomposition temperature (SADT)</b>	No data available
<b>pH</b>	7.0 - 8.0 (10 %) (23 °C) (deionized water)
<b>Viscosity, dynamic</b>	No data available
<b>Viscosity, kinematic</b>	No data available
<b>Water solubility</b>	dispersible
<b>Partition coefficient: n-octanol/water</b>	Foramsulfuron: log Pow: 0.60 Isoxadifen-ethyl: log Pow: 3.8 Iodosulfuron-methyl-sodium: log Pow: -0.7



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<b>Vapour pressure</b>	No data available
<b>Density</b>	No data available
<b>Relative density</b>	No data available
<b>Bulk density</b>	0.591 - 0.694 g/ml (loose)
<b>Relative vapour density</b>	No data available
<b>Assessment nano particles</b>	This substance/ mixture does not contain nanoforms
<b>Dust content</b>	nearly dust-free
<b>9.2 Other information</b>	
<b>Explosivity</b>	Not explosive
<b>Burning number</b>	CN3 Local combustion without spreading
<b>Oxidizing properties</b>	The product has been shown not to be oxidizing in a test following Directive 67/548/EEC (Method A17, Oxidizing properties).
<b>Evaporation rate</b>	No data available
<b>Other physico-chemical properties</b>	Further safety related physical-chemical data are not known.

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**SECTION 10: STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable under recommended storage conditions.
<b>10.3 Possibility of hazardous reactions</b>	No hazardous reactions when stored and handled according to prescribed instructions.
<b>10.4 Conditions to avoid</b>	Extremes of temperature and direct sunlight.
<b>10.5 Incompatible materials</b>	Store only in the original container.
<b>10.6 Hazardous decomposition products</b>	No decomposition products expected under normal conditions of use.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on hazard classes as defined in regulation (EC) No 1272/2008**

<b>Acute oral toxicity</b>	LD50 (Rat) 4,300 mg/kg Test conducted with a similar formulation.
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<b>Acute inhalation toxicity</b>	LC50 (Rat) > 4.69 mg/l Exposure time: 4 h Determined in the form of a respirable fine dust. Highest attainable concentration. Test conducted with a similar formulation.
<b>Acute dermal toxicity</b>	LD50 (Rat) > 5,000 mg/kg Test conducted with a similar formulation.
<b>Skin corrosion/irritation</b>	Slight irritant effect - does not require labelling. (Rabbit) Test conducted with a similar formulation.
<b>Serious eye damage/eye irritation</b>	Slight irritant effect - does not require labelling. (Rabbit) Test conducted with a similar formulation.
<b>Respiratory or skin sensitisation</b>	Skin: Sensitising (Guinea pig) OECD Test Guideline 406, Buehler test Test conducted with a similar formulation.

**Assessment STOT Specific target organ toxicity – single exposure**

Foramsulfuron: Based on available data, the classification criteria are not met.  
Isoxadifen-ethyl: Based on available data, the classification criteria are not met.  
Iodosulfuron-methyl-sodium: Based on available data, the classification criteria are not met.

**Assessment STOT Specific target organ toxicity – repeated exposure**

Foramsulfuron did not cause specific target organ toxicity in experimental animal studies.  
Isoxadifen-ethyl did not cause specific target organ toxicity in experimental animal studies.  
Iodosulfuron-methyl-sodium did not cause specific target organ toxicity in experimental animal studies.

**Assessment mutagenicity**

Foramsulfuron was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.  
Isoxadifen-ethyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.  
Iodosulfuron-methyl-sodium was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

**Assessment carcinogenicity**

Foramsulfuron: Suspected of causing cancer.  
Isoxadifen-ethyl was not carcinogenic in lifetime feeding studies in rats and mice.  
Iodosulfuron-methyl-sodium was not carcinogenic in lifetime feeding studies in rats and mice.

**Assessment toxicity to reproduction**

Foramsulfuron did not cause reproductive toxicity in a two-generation study in rats.  
Isoxadifen-ethyl did not cause reproductive toxicity in a two-generation study in rats.  
Iodosulfuron-methyl-sodium did not cause reproductive toxicity in a two-generation study in rats.

**Assessment developmental toxicity**

Foramsulfuron did not cause developmental toxicity in rats and rabbits.  
Isoxadifen-ethyl did not cause developmental toxicity in rats and rabbits.  
Iodosulfuron-methyl-sodium did not cause developmental toxicity in rats and rabbits.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2 Information on other hazards****Endocrine disrupting properties****Assessment**

The substance/mixture does not contain components considered to have

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endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

<b>Toxicity to fish</b>	LC50 (Oncorhynchus mykiss (rainbow trout)) 2.6 mg/l Exposure time: 96 h
	LC50 (Lepomis macrochirus (Bluegill sunfish)) 2.8 mg/l Exposure time: 96 h
<b>Toxicity to aquatic invertebrates</b>	EC50 (Daphnia magna (Water flea)) > 100 mg/l Exposure time: 48 h
<b>Toxicity to aquatic plants</b>	EC50 (Raphidocelis subcapitata (freshwater green alga)) 0.74 mg/l Biomass; Exposure time: 96 h
	EC50 (Lemna gibba (gibbous duckweed)) 0.0028 - 0.008 mg/l Exposure time: 7 d

**12.2 Persistence and degradability**

<b>Biodegradability</b>	Foramsulfuron: Not rapidly biodegradable
	Isoxadifen-ethyl: Not rapidly biodegradable
	Iodosulfuron-methyl-sodium: Not rapidly biodegradable
<b>Koc</b>	Foramsulfuron: Koc: 38 - 151
	Isoxadifen-ethyl: Koc: 2512; log Koc: 3.4
	Iodosulfuron-methyl-sodium: Koc: 45

**12.3 Bioaccumulative potential**

<b>Bioaccumulation</b>	Foramsulfuron: Does not bioaccumulate.
	Isoxadifen-ethyl: Does not bioaccumulate.
	Iodosulfuron-methyl-sodium: Does not bioaccumulate.

**12.4 Mobility in soil**

<b>Mobility in soil</b>	Foramsulfuron: Mobile in soils
	Isoxadifen-ethyl: Slightly mobile in soils
	Iodosulfuron-methyl-sodium: Mobile in soils

**12.5 Results of PBT and vPvB assessment**

<b>PBT and vPvB assessment</b>	Foramsulfuron: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).
	Isoxadifen-ethyl: This substance is not considered to be persistent,

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

Iodosulfuron-methyl-sodium: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).

**12.6 Endocrine disrupting properties****Assessment**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects****Additional ecological information**

No further ecological information is available.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Product**

In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant. Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).

**Contaminated packaging**

Small containers (< 10 l or < 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times.  
Add washings to sprayer at time of filling.  
Dispose of empty and cleaned packaging safely.  
Large containers (> 25 l or > 25 kg) should not be rinsed or re-used for any other purpose.  
Return large containers to supplier.  
Follow advice on product label and/or leaflet.

**SECTION 14: TRANSPORT INFORMATION****ADR/RID/ADN**

14.1 UN number	<b>3077</b>
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ISOXADIFEN-ETHYL MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packaging Group	III
14.5 Environm. Hazardous Mark	YES
Hazard no.	90
Tunnel Code	-

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.



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### IMDG

14.1 UN number	<b>3077</b>
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ISOXADIFEN-ETHYL MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packaging Group	III
14.5 Marine pollutant	YES

### IATA

14.1 UN number	<b>3077</b>
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ISOXADIFEN-ETHYL MIXTURE )
14.3 Transport hazard class(es)	9
14.4 Packaging Group	III
14.5 Environm. Hazardous Mark	YES

### UK 'Carriage' Regulations

14.1 UN number	<b>3077</b>
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ISOXADIFEN-ETHYL MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packaging Group	III
14.5 Environm. Hazardous Mark	YES
Emergency action code	2Z

### 14.6 Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

### 14.7 Transport in bulk according to IMO instruments

No transport in bulk according to the IBC Code.

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## SECTION 15: REGULATORY INFORMATION

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

#### UK and Northern Ireland Regulatory References

This material may be subject to some or all of the following regulations (and any subsequent amendments). Users must ensure that any uses and restrictions as indicated on the label and/or leaflet are followed.

#### Transport

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No 1348)  
Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997 (SI 1997 No 2367)  
Air Navigation Dangerous Goods Regulations 2002 (SI 2002 No 2786)

#### Supply and Use

Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No 716)  
Chemical (Hazard Information and Packaging for Supply) (Northern Ireland) Regulations 2009

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Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No 2677)  
EH40 Occupational Exposure Limits - Table 1 List of approved workplace exposure limits  
Control of Pesticide Regulations 1986  
Dangerous Substances and Explosive Atmospheres Regulations 2002

**Waste Treatment**

Environmental Protection Act 1990, Part II  
Environmental Protection (Duty of Care) Regulations 1991  
The Waste Management Licensing Regulations 1994 (as amended)  
Hazardous Waste Regulations 2005 (Replacing Special Waste Regulations 1996 as amended)  
Landfill Directive  
Regulation on Substances That Deplete the Ozone Layer 1994 (EEC/3093/94)  
Water Resources Act 1991  
Anti-Pollution Works Regulations 1999

**Further information**

WHO-classification: III (Slightly hazardous)

**SECTION 16: OTHER INFORMATION****Text of the hazard statements mentioned in Section 3**

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

**Abbreviations and acronyms**

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE Acute toxicity estimate  
CAS-Nr. Chemical Abstracts Service number  
Conc. Concentration  
EC-No. European community number  
ECx Effective concentration to x %  
EH40 WEL Worker Exposure Limit  
EINECS European inventory of existing commercial substances  
ELINCS European list of notified chemical substances  
EN European Standard  
EU European Union  
IATA International Air Transport Association  
IBC International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)  
ICx Inhibition concentration to x %  
IMDG International Maritime Dangerous Goods  
LCx Lethal concentration to x %  
LDx Lethal dose to x %  
LOEC/LOEL Lowest observed effect concentration/level  
MARPOL MARPOL: International Convention for the prevention of marine pollution from ships  
N.O.S. Not otherwise specified  
NOEC/NOEL No observed effect concentration/level



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OECD	Organization for Economic Co-operation and Development
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SI	Statutory Instrument
TWA	Time weighted average
UN	United Nations
WHO	World health organisation

The above information is intended to give general health and safety guidance on the storage and transport of the product.

It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate.

No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.