



MONOLITH

Version 4 / GB
102000027072

1/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

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

1.1 Product identifier

Trade name MONOLITH
Product code (UVP) 80886306

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: ukcropsupport@bayer.com

1.4 Emergency telephone no.

Emergency telephone no. 00800 1020 3333 (24 hr)

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.

Eye irritation: Category 2
H319 Causes serious eye irritation.

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:

**MONOLITH**Version 4 / GB
102000027072

2/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

- Mesosulfuron-methyl
- Propoxycarbazone-sodium
- Mefenpyr-diethyl

**Signal word:** Warning**Hazard statements**

H319 Causes serious eye irritation.
 H410 Very toxic to aquatic life with long lasting effects.
 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.
 P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 + P338
 P337 + P313 If eye irritation persists: Get medical advice/ attention.
 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

No other hazards known.

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

Water dispersible granules (WG)

Mesosulfuron-methyl/Propoxycarbazone-sodium/Mefenpyr-diethyl 4,5:6,75:9,0 %

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 | |
| Mesosulfuron-methyl | 208465-21-8 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | 4.5 |
| Propoxycarbazone-sodium | 181274-15-7 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | 6.75 |
| Mefenpyr-diethyl | 135590-91-9 | Aquatic Chronic 2, H411 | 9.0 |
| Solvent Naphtha (petroleum), heavy aromatic, <1% naphthalene | 64742-94-5 265-198-5 01-2119451097-39-xxxx | Asp. Tox. 1, H304 Aquatic Chronic 2, H411 | > 10 – < 25 |
| Sulfonated aromatic | 68425-94-5 | Eye Irrit. 2, H319 | > 1 – < 10 |

**MONOLITH**Version 4 / GB
102000027072

3/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

| | | | |
|--|---|---|-----------|
| polymer, sodium salt | | | |
| Dodecyl benzene sulphonate, calcium salt | 26264-06-2 247-557-8 | Skin Irrit. 2, H315 Eye Dam. 1, H318 | > 1 – < 3 |
| Kaolin | 1332-58-7 310-194-1 | Not classified | > 1 |
| Silica, amorphe | 7631-86-9 231-545-4 01-2119379499-16-XXXX | Not classified | > 1 |
| Perlite | 93763-70-3 | Not classified | >= 1 |

Further information

| | | |
|-------------------------|-------------|--------------------------------------|
| Mesosulfuron-methyl | 208465-21-8 | M-Factor: 100 (acute), 100 (chronic) |
| Propoxycarbazone-sodium | 181274-15-7 | M-Factor: 10 (acute), 10 (chronic) |

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

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures****General advice**

Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

Inhalation

Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.

Skin contact

Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. If symptoms persist, call a physician.

Eye contact

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. If eye irritation or redness persists, see an ophthalmologist.

Ingestion

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**Treatment**

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.



MONOLITH

Version 4 / GB
102000027072

4/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

| | |
|-------------------|--|
| Suitable | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable | 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), Hydrogen chloride (HCl), Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Sulphur oxides

5.3 Advice for firefighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Precautions 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.

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 Keep away from heat and sources of ignition.

**MONOLITH**Version 4 / GB
102000027072

5/13

Revision Date: 09.02.2018
Print Date: 19.02.2018**|| Against fire and explosion****Hygiene measures**

Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands before breaks and immediately after handling the product. 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**

Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Store in a place accessible by authorized persons only. Keep away from direct sunlight. Protect from frost.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

Refer to the label and/or leaflet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

| Components | CAS-No. | Control parameters | Update | Basis |
|---------------------------------------|-------------|--------------------------------|---------|----------|
| Mesosulfuron-methyl | 208465-21-8 | 10 mg/m ³ (TWA) | | OES BCS* |
| Propoxycarbazone-sodium | 181274-15-7 | 10 mg/m ³ (TWA) | | OES BCS* |
| Mefenpyr-diethyl | 135590-91-9 | 10 mg/m ³ (TWA) | | OES BCS* |
| Silica, amorphe (Inhalable dust.) | 7631-86-9 | 6 mg/m ³ (TWA) | 12 2011 | EH40 WEL |
| Silica, amorphe (Respirable dust.) | 7631-86-9 | 2.4 mg/m ³ (TWA) | 12 2011 | EH40 WEL |
| Kaolin (Respirable dust.) | 1332-58-7 | 2 mg/m ³ (TWA) | 12 2011 | EH40 WEL |
| Perlite (Inhalable dust.) | 93763-70-3 | 10 mg/m ³ (TWA) | 12 2011 | EH40 WEL |
| Perlite (Respirable dust.) | 93763-70-3 | 4 mg/m ³ (TWA) | 12 2011 | 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.



MONOLITH

Version 4 / GB
102000027072

6/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

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.
Wear respirator with a particle filter mask (protection factor 4) conforming to European norm EN149FFP1 or equivalent.

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 on the outside cannot be removed. Wash hands frequently and always before eating, drinking, smoking or using the toilet.

| | |
|----------------------|--|
| Material | Nitrile rubber |
| Rate of permeability | > 480 min |
| Glove thickness | > 0.4 mm |
| Protective index | Class 6 |
| Directive | Protective gloves complying with EN 374. |

Eye protection

Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).

Skin and body protection

Wear standard coveralls and Category 3 Type 5 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|---|--|
| Form | water-dispersible granules |
| Colour | beige to brown |
| Odour | aromatic |
| pH | 8.0 - 10.0 at 10 % (23 °C) (deionized water) |
| Flammability (solid, gas) | The product is not highly flammable. |
| Auto-ignition temperature | 368 °C |
| Bulk density | 598 - 702 kg/m ³ |
| Water solubility | dispersible |
| Partition coefficient: n-octanol/water | Mesosulfuron-methyl: log Pow: -0.48 Propoxycarbazone-sodium: log Pow: -1.55 |

**MONOLITH**Version 4 / GB
102000027072

7/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

| | |
|------------------------------|--|
| | Mefenpyr-diethyl: log Pow: 3.83 at 21 °C |
| Oxidizing properties | No oxidizing properties |
| Explosivity | Not explosive |
| Dust content | nearly dust-free |
| 9.2 Other information | Further safety related physical-chemical data are not known. |

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity****Thermal decomposition** Stable under normal conditions.**10.2 Chemical stability** Stable under recommended storage conditions.**10.3 Possibility of hazardous reactions** No hazardous reactions when stored and handled according to prescribed instructions.**10.4 Conditions to avoid** Extremes of temperature and direct sunlight.**10.5 Incompatible materials** Store only in the original container.**10.6 Hazardous decomposition products** No decomposition products expected under normal conditions of use.**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute oral toxicity** LD50 (Rat) > 2,000 mg/kg
Test conducted with a similar formulation.**Acute inhalation toxicity** LC50 (Rat) > 0.995 mg/l
Exposure time: 4 h
Determined in the form of a respirable aerosol.
Highest attainable concentration.
Test conducted with a similar formulation.**Acute dermal toxicity** LD50 (Rat) > 2,000 mg/kg
Test conducted with a similar formulation.**Skin irritation** No skin irritation (Rabbit)
Test conducted with a similar formulation.**Eye irritation** Severe eye irritation. (Rabbit)
Test conducted with a similar formulation.**Sensitisation** Non-sensitizing. (Mouse)
OECD Test Guideline 429, local lymph node assay (LLNA)**Assessment STOT Specific target organ toxicity – single exposure**

Mesosulfuron-methyl: Based on available data, the classification criteria are not met.

Propoxycarbazone-sodium: Based on available data, the classification criteria are not met.

**MONOLITH**Version 4 / GB
102000027072

8/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

Mefenpyr-diethyl: Based on available data, the classification criteria are not met.

Assessment STOT Specific target organ toxicity – repeated exposure

Mesosulfuron-methyl did not cause specific target organ toxicity in experimental animal studies.
Propoxycarbazone-sodium did not cause specific target organ toxicity in experimental animal studies.
Mefenpyr-diethyl did not cause specific target organ toxicity in experimental animal studies.

Assessment mutagenicity

Mesosulfuron-methyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.
Propoxycarbazone-sodium was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.
Mefenpyr-diethyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Assessment carcinogenicity

Mesosulfuron-methyl was not carcinogenic in lifetime feeding studies in rats and mice.
Propoxycarbazone-sodium was not carcinogenic in lifetime feeding studies in rats and mice.
Mefenpyr-diethyl was not carcinogenic in lifetime feeding studies in rats and mice.

Assessment toxicity to reproduction

Mesosulfuron-methyl did not cause reproductive toxicity in a two-generation study in rats.
Propoxycarbazone-sodium did not cause reproductive toxicity in a two-generation study in rats.
Mefenpyr-diethyl did not cause reproductive toxicity in a two-generation study in rats.

Assessment developmental toxicity

Mesosulfuron-methyl did not cause developmental toxicity in rats and rabbits.
Propoxycarbazone-sodium did not cause developmental toxicity in rats. Propoxycarbazone-sodium caused developmental toxicity in rabbits only at dose levels toxic to the dams. The developmental effects seen with Propoxycarbazone-sodium are related to maternal toxicity.
Mefenpyr-diethyl caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Mefenpyr-diethyl are related to maternal toxicity.

Aspiration hazard

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

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

| | |
|--|---|
| Toxicity to fish | LC50 (Oncorhynchus mykiss (rainbow trout)) 7.6 mg/l Exposure time: 96 h Test conducted with a similar formulation. |
| Toxicity to aquatic invertebrates | EC50 (Daphnia magna (Water flea)) 8.8 mg/l Exposure time: 48 h Test conducted with a similar formulation. |
| Toxicity to aquatic plants | IC50 (Raphidocelis subcapitata (freshwater green alga)) 3.88 mg/l Growth rate; Exposure time: 72 h Test conducted with a similar formulation. IC50 (Lemna gibba (gibbous duckweed)) 0.0201 mg/l Growth rate; Exposure time: 7 d |

12.2 Persistence and degradability

Biodegradability Mesosulfuron-methyl:



MONOLITH

Version 4 / GB
102000027072

9/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

Not rapidly biodegradable
Propoxycarbazone-sodium:
Not rapidly biodegradable
Mefenpyr-diethyl:
Not rapidly biodegradable

Koc Mesosulfuron-methyl: Koc: 92
Propoxycarbazone-sodium: Koc: 29
Mefenpyr-diethyl: Koc: 625

12.3 Bioaccumulative potential

Bioaccumulation Mesosulfuron-methyl:
Does not bioaccumulate.
Propoxycarbazone-sodium:
Does not bioaccumulate.
Mefenpyr-diethyl: Bioconcentration factor (BCF) 232
Does not bioaccumulate.

12.4 Mobility in soil

Mobility in soil Mesosulfuron-methyl: Moderately mobile in soils
Propoxycarbazone-sodium: Mobile in soils
Mefenpyr-diethyl: Slightly mobile in soils

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment Mesosulfuron-methyl: 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).
Propoxycarbazone-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).
Mefenpyr-diethyl: 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 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.



MONOLITH

Version 4 / GB
102000027072

10/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

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.

Waste key for the unused product **02 01 08*** agrochemical waste containing hazardous substances

SECTION 14: TRANSPORT INFORMATION

ADR/RID/ADN

| | |
|---------------------------------|---|
| 14.1 UN number | 3077 |
| 14.2 Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PROPOXYCARBAZONE-SODIUM, SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC MIXTURE) |
| 14.3 Transport hazard class(es) | 9 |
| 14.4 Packaging Group | III |
| 14.5 Environm. Hazardous Mark | YES |
| Hazard no. | 90 |

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

IMDG

| | |
|---------------------------------|---|
| 14.1 UN number | 3077 |
| 14.2 Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PROPOXYCARBAZONE-SODIUM, SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC MIXTURE) |
| 14.3 Transport hazard class(es) | 9 |
| 14.4 Packaging Group | III |
| 14.5 Marine pollutant | YES |

IATA

| | |
|---------------------------------|--|
| 14.1 UN number | 3077 |
| 14.2 Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PROPOXYCARBAZONE-SODIUM, SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC 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 | 3077 |
| 14.2 Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PROPOXYCARBAZONE-SODIUM, SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC MIXTURE) |
| 14.3 Transport hazard class(es) | 9 |
| 14.4 Packaging Group | III |



MONOLITH

Version 4 / GB
102000027072

11/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

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 Annex II of MARPOL and the IBC Code

No transport in bulk according to the IBC Code.

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
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)

15.2 Chemical safety assessment

A chemical safety assessment is not required.

SECTION 16: OTHER INFORMATION

**MONOLITH**Version 4 / GB
102000027072

12/13

Revision Date: 09.02.2018
Print Date: 19.02.2018**Text of the hazard statements mentioned in Section 3**

| | |
|------|---|
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| 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. |

Abbreviations and acronyms

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

Reason for Revision: Safety Data Sheet according to Regulation (EU) No. 2015/830. The following sections have been revised: Section 2: Hazards Identification. Section 3: Composition / Information on Ingredients. Section 4: First Aid Measures. Section 7: Handling and Storage. Section 8: Exposure Controls / Personal Protection.

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

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



MONOLITH

Version 4 / GB
102000027072

13/13

Revision Date: 09.02.2018
Print Date: 19.02.2018

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.