

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

EASY-FLO™ High Temperature Grade Flux Paste

Version : 1.01
Date of issue/ Date of revision : 11/09/2023
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name EASY-FLO™ High Temperature Grade Flux Paste
EC number : 948-058-4
REACH Registration number

Registration number	Legal entity
01-2120790417-46-XXXX	-

CAS number : Not available.
Product type : Solid.
Other means of identification : Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form

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

Specific uses : Brazing. Flux agent.

1.3 Details of the supplier of the safety data sheet

Supplier : Johnson Matthey Plc,
Gate 11, Orchard Road,
Royston,
Herts SG8 5HE
United Kingdom
+44 (0) 1763 253000
e-mail address of person responsible for this SDS : mj@matthey.com

1.4 Emergency telephone number

Telephone number : +44 (0)1763 253000
Hours of operation : 24 hours

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Product definition** : Mono-constituent substance**Classification according to UK CLP/GHS**

Acute Tox. 4, H302

Repr. 2, H361d

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements**Hazard pictograms** :**Signal word** : Warning**Hazard statements** : Harmful if swallowed.
Suspected of damaging the unborn child.**Precautionary statements****Prevention** : Obtain special instructions before use. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.**Response** : IF exposed or concerned: Get medical advice or attention.**Storage** : Not applicable.**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.**Supplemental label elements** : Not applicable.**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.**Special packaging requirements****Containers to be fitted with child-resistant fastenings** : Not applicable.**Tactile warning of danger** : Not applicable.**2.3 Other hazards****Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** :

PBT	P	B	T	vPvB	vP	vB
Not applicable (Inorganic)	N/A	N/A	N/A	Not applicable (Inorganic)	N/A	N/A

SECTION 2: Hazards identification

Other hazards which do not result in classification : None known.

SECTION 3: Composition/information on ingredients**3.1 Substances** : Mono-constituent substance

Product/ingredient name	Identifiers	%	Classification	Type
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	REACH #: 01-2120790417-46 EC: 948-058-4	100	Acute Tox. 4, H302 Repr. 2, H361d See Section 16 for the full text of the H statements declared above.	[1]

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type

[1] Constituent

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Move affected person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. In case of burns, immediately cool affected skin with cold water and continue for as long as possible or apply wet cloths to the area until medical attention can be obtained. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

SECTION 4: First aid measures

- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, both acute and delayed**Over-exposure signs/symptoms**

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : No specific fire or explosion hazard.
- Hazardous combustion products** : Decomposition products may include the following materials:
halogenated compounds
hydrogen fluoride
metal oxide/oxides

SECTION 5: Firefighting measures

5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Not explosive.
Non-flammable.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

6.4 Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe fumes or vapours released when the product is heated. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limits**

Product/ingredient name	Exposure limit values
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form hydrogen fluoride	EH40/2005 WELs (United Kingdom (UK), 1/2020). [Fluorides (inorganic)] TWA: 2.5 mg/m³, (as F) 8 hours. [Air contaminant - Brazing] EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 1.5 mg/m³, (as F) 8 hours. TWA: 1.8 ppm, (as F) 8 hours. STEL: 2.5 mg/m³, (as F) 15 minutes. STEL: 3 ppm, (as F) 15 minutes.

Biological exposure indices

SECTION 8: Exposure controls/personal protection

No exposure indices known.

Recommended monitoring procedures : Reference should be made to appropriate monitoring standards.
Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Type	Exposure	Value	Population	Effects
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	DNEL	Long term Inhalation	7.8 mg/m ³	Workers	Systemic
	DNEL	Long term Inhalation	13.6 mg/m ³	Workers	Local
	DNEL	Short term Inhalation	13.6 mg/m ³	Workers	Local
	DNEL	Long term Dermal	367.7 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	3.9 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	13.6 mg/m ³	General population	Local
	DNEL	Short term Inhalation	13.6 mg/m ³	General population	Local
	DNEL	Long term Dermal	185.6 mg/kg bw/day	General population	Systemic
	DNEL	Long term Oral	0.92 mg/kg bw/day	General population	Systemic
	DNEL	Short term Oral	0.92 mg/kg bw/day	General population	Systemic

PNECs

Product/ingredient name	Compartment Detail	Value	Method Detail
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	Fresh water	2.02 mg/l	Sensitivity Distribution
	Sewage Treatment Plant	10 mg/l	Assessment Factors
	Soil	5.4 mg/kg dwt	Sensitivity Distribution

SECTION 8: Exposure controls/personal protection**8.2 Exposure controls**

- Appropriate engineering controls** : Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Fume extraction should take place as close as possible to the source of emission.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. Recommended: EN 166 or local equivalent. Wear eye protection with filtered lenses compliant with EN 169 (or local equivalent) when carrying out brazing work.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Recommended: EN 374 or local equivalent. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : In case of inadequate ventilation wear respiratory protection. Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: inorganic gases/vapours filter (Type B) or acid gas filter (Type E) (EN 14387 or local equivalent) and particulate filter (EN 143 or 149, Type P3 or FFP3, Associated Protection Factor (APF) = 20) or local equivalent as a minimum)
- Thermal hazards** : When handling hot material, wear heat-resistant protective gloves that are able to withstand the temperature of molten product (EN 407 or local equivalent).
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 8: Exposure controls/personal protection**SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

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

Physical state	: Solid. [Paste.]
Colour	: White.
Odour	: Odourless.
Odour threshold	: Not applicable.
Melting point/freezing point	: 102°C
Initial boiling point and boiling range	: Not applicable.
Flammability (solid, gas)	: Non-flammable.
Upper/lower flammability or explosive limits	: Not applicable.
Flash point	: Not applicable.
Auto-ignition temperature	: >850°C (>1562°F)
Decomposition temperature	: Not applicable.
pH	: Not available.
Viscosity	: Not applicable.
Solubility(ies)	:

Media	Result
cold water	Soluble
hot water	Soluble

Solubility in water	: 0.97 g/l
Partition coefficient: n-octanol/water	: Not applicable.
Vapour pressure	: Not applicable.
Relative density	: 2.2
Density	: 2.2 g/cm ³
Vapour density	: Not applicable.
Explosive properties	: Not explosive.
Oxidising properties	: Not oxidising.
Particle characteristics	
Median particle size	: Not applicable.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability

The product is stable.

10.3 Possibility of hazardous reactions

Hazardous reactions or instability may occur under certain conditions of storage or use. May react with reducing agents, evolving extremely flammable hydrogen gas.

10.4 Conditions to avoid

No specific data.

10.5 Incompatible materials

reducing agents

10.6 Hazardous decomposition products

Emits acrid smoke and fumes when heated to decomposition. metal oxide/oxides. halogenated compounds. hydrogen fluoride.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	LC50 Inhalation Dusts and mists	Rat - Male, Female	>2.04 mg/l	4 hours
	LD50 Dermal	Rabbit - Male, Female	>2000 mg/kg	-

Conclusion/Summary : Harmful if swallowed.

Acute toxicity estimates

SECTION 11: Toxicological information

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	500	N/A	N/A	N/A	N/A
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	500	N/A	N/A	N/A	N/A

Irritation/Corrosion**Conclusion/Summary**

- Skin** : Not classified. Based on available data, the classification criteria are not met.
- Eyes** : Not classified. Based on available data, the classification criteria are not met.
- Respiratory** : Not classified. Based on available data, the classification criteria are not met.

Sensitisation

Product/ingredient name	Route of exposure	Species	Result
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	skin	Guinea pig	Not sensitizing

Conclusion/Summary

- Skin** : Not classified. Based on available data, the classification criteria are not met.
- Respiratory** : Not classified. Based on available data, the classification criteria are not met.

Mutagenicity

SECTION 11: Toxicological information

Product/ingredient name	Test	Experiment	Result
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	OECD 471 Bacterial Reverse Mutation Test	Experiment: In vitro Subject: Bacteria	Negative
	OECD 476 In vitro Mammalian Cell Gene Mutation Test NTP	Experiment: In vitro Subject: Mammalian-Animal	Negative
	OECD 474 Mammalian Erythrocyte Micronucleus Test	Experiment: In vitro Subject: Mammalian-Animal	Negative
		Experiment: In vivo Subject: Mammalian-Animal	Negative

Conclusion/Summary : Not classified. Based on available data, the classification criteria are not met.

Carcinogenicity

Conclusion/Summary : Not classified. Based on available data, the classification criteria are not met.

Reproductive toxicity

Conclusion/Summary : Suspected of damaging the unborn child.

Teratogenicity

Conclusion/Summary : Not applicable. Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not applicable.

Information on likely routes of exposure : Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

SECTION 11: Toxicological information

- Inhalation** : Emits acrid smoke and fumes when heated to decomposition.
Skin contact : Contact with hot material causes thermal skin burns.
Ingestion : Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.
Inhalation : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations
Skin contact : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations
Ingestion : Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Short term exposure**

- Potential immediate effects** : Harmful if swallowed. Suspected of damaging the unborn child.
Potential delayed effects : Suspected of damaging the unborn child.

Long term exposure

- Potential immediate effects** : Suspected of damaging the unborn child.
Potential delayed effects : Suspected of damaging the unborn child.

Potential chronic health effects

- Conclusion/Summary** : Not classified. Based on available data, the classification criteria are not met.
General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : Suspected of damaging the unborn child.

- Other information** : Not available.
Other adverse symptoms : No known significant effects or critical hazards.

SECTION 12: Ecological information**12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	Acute LC50 25.05 to 80.06 mg/l Marine water	Crustaceans - <i>Litopenaeus vannamei</i>	96 hours
	Acute LC50 133 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 74 mg/l Marine water	Fish - <i>Limanda limanda</i>	96 hours

Conclusion/Summary : Not classified.**12.2 Persistence and degradability****Conclusion/Summary** : The methods for determining the biological degradability are not applicable to inorganic substances.**12.3 Bioaccumulative potential**

Not available.

12.4 Mobility in soil**Soil/water partition coefficient (K_{oc})** : Not available.**Mobility** : Not available.**12.5 Results of PBT and vPvB assessment**

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
Reaction product of mixed inorganic base and acid resulting in dipotassium hydroxytetrafluoro triborontrioxide, dipotassium tetrahydroxy tetraboronpentaoxide dehydrate, potassium fluoride, potassium tetrafluoroborate, water in paste form	Not applicable (Inorganic)	N/A	N/A	N/A	Not applicable (Inorganic)	N/A	N/A

12.6 Other adverse effects

SECTION 12: Ecological information

No known significant effects or critical hazards.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

14.6 Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

SECTION 14: Transport information

14.7 Maritime transport in bulk according to IMO instruments : Not available.

SECTION 15: Regulatory information

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

UK (GB)/REACH

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Not listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

No listed substance

Seveso Directive

This product is not controlled under the Seveso Directive.

EU regulations

Industrial emissions (integrated pollution prevention and control) - Air : Listed

Industrial emissions (integrated pollution prevention and control) - Water : Not listed

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

SECTION 15: Regulatory information**UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

Inventory list

Australia	: At least one component is not listed.
Canada	: At least one component is not listed.
China	: At least one component is not listed.
Japan	: Japan inventory (CSCL) : At least one component is not listed. Japan inventory (ISHL) : At least one component is not listed.
New Zealand	: At least one component is not listed.
Philippines	: At least one component is not listed.
Republic of Korea	: At least one component is not listed.
Taiwan	: At least one component is not listed.
Thailand	: At least one component is not listed.
Turkey	: At least one component is not listed.
United States	: At least one component is not listed.
Viet Nam	: At least one component is not listed.

15.2 Chemical safety assessment

: This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information Indicates information that has changed from previously issued version.**Abbreviations and acronyms**

: ATE = Acute Toxicity Estimate
 GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 No. 720 and amendments
 DMEL = Derived Minimal Effect Level
 DNEL = Derived No Effect Level
 EUH statement = GB CLP-specific Hazard statement
 N/A = Not available
 PBT = Persistent, Bioaccumulative and Toxic
 PNEC = Predicted No Effect Concentration
 RRN = REACH Registration Number
 SGG = Segregation Group
 vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification

Classification	Justification
Acute Tox. 4, H302 Repr. 2, H361d	Expert judgment Expert judgment

Full text of abbreviated H statements

H302	Harmful if swallowed.
H361d	Suspected of damaging the unborn child.

Full text of classifications

Acute Tox. 4	ACUTE TOXICITY - Category 4
Repr. 2	REPRODUCTIVE TOXICITY - Category 2

Date of issue/ Date of revision : 11/09/2023**Date of issue/Date of revision** : 11/09/2023**Version** : 1.01**17/18**

SECTION 16: Other information**Date of previous issue** : 11/10/2022**Version** : 1.01**Notice to reader**

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