Material Safety Data Sheet

1. Identification of the Substance/Preparation and the Company/Undertaking

1.1. Product identifier

Substance or preparation trade name:UltraCool
Unique reference numbers(s): XTSUC

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

1.3. Details of the supplier of the safety data sheet

Company/undertaking name & address: Parweld Ltd, Long Bank, Bewdley, Worcs, UK
ABN: 95 000 029 729
Telephone number: +00 44 1299 266800
Telefax: +00 44 1299 266900
Emergency telephone number: *+00 44 1299 266800*

1.4. Emergency telephone number

Emergency tel: *+00 44 1299 266800* (office hours only)

2: Hazards identification

2.1. Classification of the substance or mixture

Classification (27092 T.C.)

GHS07 **GHS08**

Physical hazards	-
Health hazards	-
Environmental hazards	Not Classified

Classification (T.C 28848/2013)
The full text for all (H) Clauses and P phrases is given in Section 16.

2.2. Label elements

Specific marking of certain mixtures: See section 15 for labeling according to (T.C. 27092).
Labeling according to T.C 28848/2013:

Warning word (CLP)	:	Attention
Harmony Statement (CLP)	:	H317 May produce an allergic reaction on the skin. H373 May cause damage to organs through prolonged or repeated exposure.

Prevention Expressions (CLP): P260 Do not breathe dust / fume / gas / fog / vapors / spray.
P272 Contaminated work clothes should not be allowed to leave the workplace.
P280 Wear protective gloves / clothing / eye protection / face protection.
P302 + P352 IF ON SKIN Wash with plenty of soap and water.
P314 Get medical attention / care if you feel unwell.
P501 Dispose of contents / container in accordance with local / regional / national.
Specific labeling for certain preparations

2.3. Other hazards

3. Composition/information on ingredients

3.1. Materials
Not applicable

3.2. Mixture

Substance or Compound	CONTENT	CAS No.	EC No.	Classification
Mono Ethylene Glycol (MEG)	40,0 %	107-21-1	203-473-3	Akut Tox. 4; H302 STOT RE 2; H373
Anti Corrosion Inhibitor	1,0 %	-	-	
Water	59,0 %	231-791-2	7732-18-5	

Full Text For All (H) Clauses.
About the sequence
The data were last T.C and A.B. In accordance with the regulations.

4: First aid measures

4.1. Explanation of first aid measures

BREATHING: There is no known danger. However, if the person becomes ill, remove the person immediately to the open air. If discomfort persists consult doctor

SWALLOWING: ***Do not let it puke. Rinse mouth immediately. For a few glasses of milk or water. Contact a doctor immediately***

SKIN: Remove the jumped or dirty suit immediately. Prevent reuse without cleaning dirty clothes.

EYES: Immediately wash with eyewash keeping the eyelids open. If there is an uncomfortable development, 20consult a doctor. Keep pausing

4.2. Acute and delayed symptoms and effects
Breathing: Irritating to upper respiratory tract.
Swallowing: Nausea, vomiting.
Skin contact: In case of long-term contact, it may cause redness, irritation and skin dryness.
Eye contact: Irritation of eyes and mucous membranes.

4.3. First signs for medical intervention and special treatment
No specific treatment is offered. Treat according to symptoms.

5: Fire-fighting measures

5.1. Fire extinguisher
Extinguish with carbon dioxide, dry powder or water spray.

5.2. Specific losses arising from the substance or mixture
Special hazards
The product is not flammable, but follow the instructions below for any other reason.

5.3. Recommendations for fire fighting teams
Fight large or advanced fires from a safe distance or from a protected area. Remember that there is a risk of fire and explosion in the first place. Remember that there is a risk of formation of toxic and corrosive gasses. In the event of a small fire, if the fire does not reach the explosive, remove the products from the area where the fire is spreading. Prevent the fire from reaching the product by using all possible fire fighting tools (water, existing fire-extinguishing materials).
Do not attempt to fight fires involving explosives. Evacuate entire personnel to a pre-determined safe zone. Protective equipment Wear full protective clothing. Use breathing apparatus with air in the fighting zone. Protective face mask, protective gloves and safety helmet.
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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear protective clothing as shown in section 8 of this safety data sheet. Avoid contact with skin and eyes. Provide good ventilation.
6.2. Environmental Precautions
Do not pour into sewer, earth or waterways.
6.3. Methods and materials for preservation and cleaning
Install the necessary protective device. Ventilate.To put it in cups and securely close it. Place the wicket securely / securely.
6.4. References to other sections
See Section 8 for personal protection. See Section 11 for additional information on damage to health. See Section 13 for the disposal of waste.

7. Handling and storage

7.1. Precautions for safe handling
Read the manufacturer's recommendations and follow them. Avoid contact with skin and eyes. Do not eat, drink or smoke during use. Consider the necessary chemical hygiene measures.

7.2. Conditions for safe storage, including disputes
Keep away from food, beverages and animal feed. Protect from physical damage and / or rubbing. Store in a cool, well ventilated place. Store in a cool place. Do not store near heat producing places, do not expose to high temperature. Keep away from strong shocks.

7.3. Specific end-uses
The defined uses of this product are detailed in Section 1.2.

8. Exposure controls/personal protection

8.1. Control parameters
Does not contain substances with an exposure limit

8.2. Exposure controls

Personal Protective Equipment:
Process Conditions:
Eye wash area, provide safety shower

Engineering measures: Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants

Respiratory protection: Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140. Particulate filters should comply with European Standard EN143

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. Wear protective gloves made of the following material: Butyl rubber. Nitrile rubber. The selected gloves should have a breakthrough time of at least 4 hours. Thickness: ≥ 0.2 mm The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Eye protection: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. The following protection should be worn: Chemical splash goggles.

Skin protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. Wear protective gloves made of the following material: Butyl rubber. Nitrile rubber. The selected gloves should have a breakthrough time of at least 4 hours. Thickness: ≥ 0.2 mm The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Appearance	Liquid Colorless
VISCOSITY Kinematics	N/A
Dilution	Soluble in water
DENSITY	1,12 g/cm ³ (20 °C)
PREPARATION PH	7,5
SMELL	Characteristic
MELTING / FREEZING POINT	- 25 °C
IGNITION HEAT	N/A
BOILING TEMPERATURE	130 °C
IGNITION TEMPERATURE	N/A
FLASH TEMPERATURE LOWER	N/A
FLASH TEMPERATURE UPPER	N/A
STEAM PRESSURE	N/A

9.2 Other information's
No information.

10. Stability and reactivity

10.1. Reaction
The product is stable under normal handling and storage conditions.
10.2. Chemical stability Avoid doing this:
Shock and physical damage. Contact with repellent.
10.3. Hazardous reaction possibility No information.
10.4. Situations to avoid-
10.5. Substances to avoid-
10.6. Hazardous products-

11. Toxicological information

11.1 Toxicology Information
Breathing
It may irritate the respiratory system.
Swallowing
Ingestion may cause discomfort. Gastrointestinal complaints including nausea.
Contact with skin
It can cause redness and irritation for long time and frequent contact.
Contact with eyes
Irritating to eyes.

12. Ecological information

12.1. toxicity
The substances in the product are not classified as dangerous for the environment. However, it is not possible to ignore the possibility that large quantities or frequent spills can damage the environment.

12.2. Persistence and degradability
There is no information on the biodegradability of the product.

12.3. Potential for bioaccumulation
There is no data on biological accumulation.

12.4. Mobility in Soil
Completely soluble in water

12.5. Results of PBT and vPvB evaluation
It does not contain any components that are evaluated as PBT and vPvB.

12.6. Other adverse effects
Aquatic life can be dangerous.

13 Disposal Considerations

General information
Waste should be treated as controled waste. As indicated by the local waste disposal authorities, licensed wastes are disposed of in accordance with the provisions of regulation 87/12028.

13.1. Waste treatment methods
General information The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

Disposal methods
Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

14. Transport information

IT IS NOT a DANGEROUS PRODUCT. IT IS NOT RESTRICTED UNDER THE TRANSPORT AND IATA LAW.

LABEL FOR TRANSPORT:
14.1. UN Number
GGVS, GGVE, ADR, RID
Class :
14.2. Proper UN transport name
Proper Shipping name
14.3. Transport hazard class (es)
ADR / RID / ADN class
ADR Label No.
IMDG Class
ICAO Class
Transport Labels

14.4. Packing group-
14.5. Environmental damage
No.
14.6. Special precautions for the user
Not applicable.
14.7. Public transport according to MARPOL 73/78 annex II and IBC code
It does not fall into the category of dangerous goods according to the transport regulations.

15. Regulatory information

Labeling (27092 T.C.)

GHS07 GHS08

• Regulation on Classification, Labeling and Packaging of Substances and Mixtures, No. 28848, dated 11 December 2013.
• T.C. Ministry of Environment and Forestry, Regulation on Classification, Packaging and Labeling of Hazardous Substances and Preparations dated 26 December 2008, No. 27092.
• "REGULATION ON SAFETY DATA SHEETS FOR HAZARDOUS SUBSTANCES AND MIXTURES" dated 13 December 2014 and numbered 29204 "
• Regulation on Health and Safety Measures in Working with Chemicals.
• Regulation on the Use of Personal Protective Equipment in Workplaces.
• Occupational Health and Safety Law No. 6331.
• Regulation on Control of Hazardous Wastes.

16. Other Information

Information Sources
This is arranged according to the information received from the GBF product owner.
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ADDITIONAL INFO

This MSDS is valid for up to 3 years in terms of legislative requirements. After this date, the new version which has been updated according to the new classification and labeling provisions must be used.

DISCLAIMER

This information relates only to a specific material, and should not be used in combination with any other material or in combination with any other material. The information provided in this document is accurate and reliable as of the date indicated, at the highest level of knowledge and opinion of the company. It is the user's own responsibility to be convinced of its suitability.

This information is based on our current knowledge and is intended to define the health, safety and environmental requirements of the product. For this reason, this information should not be construed as an assurance of any property of the product