

SAFETY DATA SHEET

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BUFFING SOLUTION

Revision 0
Revision date

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name BUFFING SOLUTION
Company GreSolvent
Unit C1A
Wem Industrial Estate
Soulton Road
Wem
Shropshire
SY4 5SD
England
Telephone +44 (0)1939 232326
Fax +44 (0)1939 232386

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Special Boiling Point Spirit 100/140	90 - 100%	64742-49-0	265-151-9	F;R11 Xi;R38 N;R51/53 Xn;R65

3. HAZARDS IDENTIFICATION

Main hazards Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Highly flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

4. FIRST AID MEASURES

Skin contact Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Ingestion Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon dioxide (CO₂)

Fire hazards Highly flammable. Burning produces irritating, toxic and obnoxious fumes. Vapour may travel considerable distance to source of ignition and flash back.

Protective equipment Self-contained breathing apparatus. Wear protective clothing.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Wear suitable protective equipment. Eliminate all sources of ignition. Evacuate personnel to a safe area.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Approved safety goggles.
Protective equipment	Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Colourless.
Odour	Strong.
Boiling point	104-121°C
Flash point	1°C
Vapour pressure	3500 @ 20 deg
Relative density	0.728 @ 20 deg
Water solubility	insoluble in water.
Vapour density	Heavier than air
Autoignition temperature	230 deg celcius

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames.
Materials to avoid	Oxidising agents.

11. TOXICOLOGICAL INFORMATION

Toxicological information

Special Boiling Point Spirit 100/140

Oral Rat LD50 = >2000mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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UN 3295	Packing group II
Class 3	Hazard ID 33
Proper Shipping Name HYDROCARBONS, LIQUID, N.O.S.	

IMDG

UN 3295	Packing group II
Class 3	Marine pollutant .
EmS Code F-E S-D	

IATA

UN 3295	Packing group II
Class 3	Subsidiary risk -
Packing Instruction (Cargo) 307	Maximum quantity 60 L
Packing Instruction (Passenger) 305	Maximum quantity 5 L

Further information The product is not classified as dangerous for carriage.**15. REGULATORY INFORMATION****Labelling** The product is classified in accordance with 67/548/EEC. R65 - Harmful: may cause lung damage if swallowed.**Symbols** F - Highly flammable; Xn - Harmful; N - Dangerous for the environment**Risk phrases**

R66 - Repeated exposure may cause skin dryness or cracking.
 R67 - Vapours may cause drowsiness and dizziness.
 R11 - Highly flammable.
 R38 - Irritating to skin.
 R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65 - Harmful: may cause lung damage if swallowed.

Safety phrases

S9 - Keep container in a well-ventilated place.
 S24 - Avoid contact with skin.
 S37 - Wear suitable gloves.
 S51 - Use only in well-ventilated areas.
 S57 - Use appropriate container to avoid environmental contamination.
 S60 - This material and its container must be disposed of as hazardous waste.
 S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.
 S16 - Keep away from sources of ignition - No smoking.
 S29 - Do not empty into drains.
 S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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16. OTHER INFORMATION

Text of risk phrases in Section 2

R11 - Highly flammable.
R38 - Irritating to skin.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 - Harmful: may cause lung damage if swallowed.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. As the application of products is outside our control, the information is given without legal responsibility. Customers should test under their own conditions to ensure the products are suitable for their own requirements.