

MATERIAL SAFETY DATA SHEET

Product name: *Mastersolve*

Reviewed date: *October 2021*

reviewed by LB

1. Identification of substance

Substance: *Mastersolve Hard Surface Cleaner*

Supplier: *Tank Storage and Services Ltd T/A Enviro Cleaning Solutions
11 The Haven
Hythe
Kent
CT21 4PJ*

Office: *01303 265161 This revision October 2021*

2. Composition/Data on components

Composition and classification of potentially hazardous components.

<u>Component</u>	<u>Concentration range</u>	<u>Classification</u>
<i>2-Butoxyethanol Cas. No. 111-76-2</i>	<i>Approx. 10%</i>	<i>None (Harmful above 12.5%)</i>
<i>Sodium metasilicate Cas. No. 6834-92-0</i>	<i>Approx. 1.5%</i>	<i>Irritant</i>

Occupational exposure limits:

<i>2-Butoxyethanol</i>	<i>Occupational Exposure Limit</i>	<i>123 mg/m³ 8 hour TWA Sk</i>
<i>Sk - Can be absorbed through skin.</i>		
<i>From HSE Doc. EH 40/2008</i>		

3. Hazards identification

This preparation is classified as IRRITANT and the following risk and safety phrases apply;
R36/38 – Irritating to eyes and skin
S24/25 – Avoid contact with the skin and eyes

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4. First aid measures

Skin exposure: If soreness or irritation occurs as the result of skin exposure, wash the affected area with clean running water for at least 15 minutes. If symptoms persist seek medical advice.

Eye splashes: If the material is splashed into the eye, wash the affected eye with clean running water for at least 15 minutes. Seek medical advice.

Swallowing (ingestion): If material is accidentally swallowed, do not make patient vomit, seek medical advice. This information should be taken with the patient when seeking medical advice.

Inhalation; Move patient to fresh air. If patient is unconscious, place in the recovery position and seek medical help immediately.

5 . Fire fighting measures

Use dry powder or foam extinguishants only.

6 . Accidental release measures

Spillages should be contained with a non-combustible adsorbent material and collected for disposal in accordance with the local regulations.

Spillages should not be allowed to run to surface waters.

7. Handling & storage

Protect from freezing and temperatures above 50 C.

Store away from sources of heat or ignition. All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorised persons.

8 . Exposure controls & personal protection

As with any solvent containing product, prolonged exposure of the skin may cause irritation and dermatitis.

Rubber or latex gloves should used to protect the hands during use and suitable work-wear or overalls should used to protect clothing and skin.

As with all cleansing products, approved eye protection should be used when handling this material.

Use only in well ventilated areas, if the OES is likely to be exceeded an approved respirator should be used.

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9 . Physical and chemical properties

<i>Appearance; Clear Liquid</i>	<i>Odour; Slight Solvent Smell</i>
<i>PH; Approx 12</i>	<i>Boiling Point/range; 100 C</i>
<i>Melting point range; N/A</i>	<i>Flash Point; Above 67 C</i>
<i>Flammability; N/A</i>	<i>Autoflammability; 230 C</i>
<i>Explosive Properties; N/A</i>	<i>Oxidising properties; none</i>
<i>Vapour Pressure; Not Known</i>	<i>Relative density; 1.02</i>
<i>Solubility; Fully Water Soluble</i>	<i>Partition coefficient; n-octanol / water Not Determined</i>

10 . Stability and reactivity

This preparation is generally stable.

11 . Toxicological information

The product is of moderate general toxicity.

This preparation may cause irritation to the eyes and mucous membranes. As with all containing based preparations it may be irritant to the skin. Any person with a history of skin sensitisation should take extra care when handling this preparation. Reducing the periods of skin exposure to any substance or

preparation will reduce the risk of sensitization or other irritation occurring.

If exposure levels can not be directly measured a Biological Monitoring Guidance Value (BMGV) has been set for 2-Butoxyethanol of 240 mmol butoxyacetic acid/mol creatine in urine, the sample to be taken post shift.

12 . Ecological information

No data available.

The exact ecological effects of this product are unknown but the solvent present is likely to be a marine pollutant.

13. Disposal considerations

All waste produced by industry or commerce is subject to the Duty Of Care Of Waste Regulations.

This product is classified as Special Waste and should be disposed of in accordance with the Special Waste Regulations.

14. Transport information

Not classified as dangerous goods under CDGCPL2.

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15. Regulatory information

This preparation is classified as IRRITANT and labels for this preparation must carry a Harmful symbol with the word "Irritant" and the following risk and safety phrases.

Contains Sodium metasilicate EEC No. 229-912-9

R36/38- Irritating to eyes and skin

S24/25- Avoid contact with the skin and eyes

This substance is classified as a substance hazardous to health within the definition given in Regulation 2 of the COSHH Regulations. An assessment of the risks to health caused by the use of this substance and the other requirements of the COSHH regulations must therefore be made by any employer or self employed person using this preparation at work.

16. Other information

No other safety information is applicable to the use of this preparation for its intended purpose.