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SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Salts Stoma Paste
- Chemical Name: Contains ethanol, butanol and propanol

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

- Use of the substance/mixture: Application to skin as part of an adhesive device.
- Use advised against: Not for internal use.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Salts Healthcare
- Address of Supplier: Richard St,
Aston,
Birmingham
United Kingdom
B7 4AA
- Telephone: +44 (0) 121 333 2000
- Fax: +44 (0) 121 359 0830
- Email: Salt@salts.co.uk

1.4 Emergency telephone number

- +44 (0) 121 333 2000

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Flam. Sol. 2, H228, Eye Irrit. 2, H319, STOT SE 3, H336, STOT RE 2, H373, EUH208
- Classification (67/548/EEC, 1999/45/EC) [CHIP]: F; R11, Xi; R36, R67

2.2 Label elements



GHS02



GHS07



GHS08

- Signal Word: Warning
- Symbols: GHS02, GHS07, GHS08
- Contains ethanol, butanol and propanol
- Hazard phrases
Flammable solid.
Causes serious eye irritation.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.

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SECTION 2 Hazards identification (....)**- Precautionary Phrases**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

Supplemental Hazard Information (EU)

Contains N,N"-methylenebis[N'-[3-(hydroxymethyl)-2,5-dioximidazolidin-4-yl]urea].

May produce an allergic reaction.

2.3 Other hazards

- May cause skin sensitisation. Stop using product if skin sensitisation occurs.
-

SECTION 3 Composition/information on ingredients**3.1 Substances****3.2 Mixtures**

- ethanol; ethyl alcohol

Concentration: 10 - 20%

CAS Number: 64-17-5

EC Number: 200-578-6

REACH Registration Number: 01-2119457610-43-XXXX

Categories: Flam. Liq. 2, Eye Irrit. 2

R/H Phrases: H225, H319, R11

Symbols: GHS02, GHS07, F

Substance with a Community workplace exposure limit, see Section 8

- propan-2-ol; isopropyl alcohol; isopropanol

Concentration: 10 - 20%

CAS Number: 67-63-0

EC Number: 200-661-7

Categories: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3

R/H Phrases: H225, H319, H336, R11, R36, R67

Symbols: GHS02, GHS07, F, Xi

Substance with a Community workplace exposure limit, see Section 8

- butan-1-ol; n-butanol

Concentration: 1 - 5%

CAS Number: 71-36-3

EC Number: 200-751-6

Categories: Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, STOT RE 1

R/H Phrases: H226, H302, H315, H318, H335, H336, H372, R10, R22, R37/38, R41, R67

Symbols: GHS02, GHS05, GHS07, GHS08, Xn

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SECTION 3 Composition/information on ingredients (....)

- N,N"-methylenebis[N'-[3-(hydroxymethyl)-2,5-dioximidazolidin-4-yl]urea]
Concentration: <1%
CAS Number: 39236-46-9
EC Number: 254-372-6
REACH Registration Number: 01-2119983788-11-XXXX
Categories: Skin Sens. 1B
R/H Phrases: H317, R43
Symbols: GHS07, Xi
-

SECTION 4 First aid measures

4.1 Description of first aid measures

- Contact with eyes
If substance has got into eyes, immediately wash out with plenty of water
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
- Contact with skin
May cause skin sensitisation. Stop using product if skin sensitisation occurs.
If skin irritation or rash occurs: Get medical advice/attention.
Gently wash with plenty of soap and water.
- Ingestion
Rinse mouth with water (do not swallow)
Do NOT induce vomiting.
Never give anything by mouth to an unconscious person
- Inhalation
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

- Causes serious eye irritation.
- May cause drowsiness
- May cause dizziness, confusion, headache or stupor
- May cause nausea/vomiting

4.3 Indication of any immediate medical attention and special treatment needed

- Symptoms of poisoning may occur even after several hours; therefore provide medical observation for at least 48 hours after the accident.
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SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: use water, alcohol resistant foam or dry agent for extinction
- Do not use halons

5.2 Special hazards arising from the substance or mixture

- Flammable solid

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SECTION 5 Fire-fighting measures (....)

- In case of fire, do not breathe fumes
- Gives off irritating or toxic fumes (or gases) in a fire.
- Decomposition products may include nitrogen and carbon oxides
- Decomposition products may include hydrocarbons

5.3 Advice for firefighters

- Wear protective clothing as per section 8
 - Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.
 - Keep container(s) exposed to fire cool, by spraying with water
 - Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.
-

SECTION 6 Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Evacuate the area and keep personnel upwind
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wear protective clothing as per section 8
- Wash thoroughly after dealing with spillage
- Eyewash bottles should be available

6.2 Environmental Precautions

- Avoid release to the environment.
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Place in sealable container
- Seal containers and label them
- Remove contaminated material to safe location for subsequent disposal
- Ventilate the area and wash spill site after material pick-up is complete

6.4 Reference to other sections

- See Section 7 and 8
-

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

- Do not breathe vapour/fumes
- Avoid contact with eyes
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- Wash thoroughly after handling.
- Eyewash bottles should be available
- See Section 8

7.2 Conditions for safe storage, including any incompatibilities

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SECTION 7 Handling and storage (....)

- Keep in a cool, dry, well ventilated place
- Keep only in original container.
- Opened containers should be carefully resealed and stored in an upright position
- Keep away from oxidisers, heat, flames or ignition sources
- Keep away from acid
- Keep away from alkalis (strong bases)
- Incompatible with ammonia solution
- Keep away from aluminium
- Incompatible with halogenated substances

7.3 Specific end use(s)

- Application to skin as part of an adhesive device.
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- ethanol; ethyl alcohol
WEL (long term) 1920 mg/m³ (UK EH40)
WEL (long term) 1000 ppm (UK EH40)
- butan-1-ol; n-butanol
WEL (short term) 154 mg/m³ (UK EH40)
WEL (short term) 50 ppm (UK EH40)
- propan-2-ol; isopropyl alcohol; isopropanol
WEL (long term) 999 mg/m³ (UK EH40)
WEL (long term) 400 ppm (UK EH40)
WEL (short term) 1250 mg/m³ (UK EH40)
WEL (short term) 500 ppm (UK EH40)

8.2 Exposure controls

- Engineering controls should be provided which maintain airborne concentrations below the relevant guidelines
- In case of insufficient ventilation, wear suitable respiratory equipment
- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)
- The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
- Wear safety glasses approved to standard EN 166.
- Eyewash bottles should be available



Gloves



Suit



Goggles



Respirator



No Smoking



No Flames

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Light, beige, viscous, paste

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SECTION 9 Physical and chemical properties (....)

- Odour: Alcohol odour
- pH: No information available
- Freezing point/Range: No information available
- Boiling Point/Range: No information available
- Melting point/Range: No information available
- Flashpoint: 11°C
- Evaporation Rate: No information available
- Flammability: Flash point - not known
- Explosive Properties: No information available
- Vapour Pressure: No information available
- Vapour Density: No information available
- Density: No information available
- Solubility in water: No information available
- Solubility in Fat: No information available
- Viscosity: Viscous
- Partition Coefficient (n-Octanol/Water): No information available
- Oxidising Properties: No information available

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity**10.1 Reactivity**

- No information available

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- May form explosive vapour/air mixtures

10.4 Conditions to avoid

- Avoid overheating
- Keep away from heat and sources of ignition

10.5 Incompatible materials

- Incompatible with acid
- Incompatible with alkalis (strong bases)
- Incompatible with aluminium
- Incompatible with ammonia solution
- Incompatible with alkali metals
- Incompatible with halogenated substances
- Incompatible with oxidizing substances

10.6 Hazardous Decomposition Products

- Decomposition products may include nitrogen oxides
- Decomposition products may include hydrocarbons

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute Toxicity

- No experimental test data available for the mixture
- LD50 (oral, rat) (ethanol) 7060 mg/kg
- LD50 (oral, rat) (butanol) 790 mg/kg
- LD50 (oral, rat) (propanol) >5000 mg/kg
- LC50 (inhalation, rat) (ethanol) 117 - 125 mg/l/4h
- LC50 (inhalation) : (mouse) (ethanol) 39 mg/l/4h
- LC50 (inhalation, rat) (butanol) >24 mg/l/4h
- LDLo (dermal) : (rabbit) (ethanol) 20000 mg/kg
- LD50 (dermal, rabbit) (butanol) 3400 mg/kg

Skin corrosion/irritation

- May cause irritation

Serious eye damage/irritation

- Causes serious eye irritation.

Respiratory or skin sensitisation

- May cause allergic reaction in susceptible people

Germ cell mutagenicity

- No evidence of mutagenic effects

Carcinogenicity

- No evidence of carcinogenic effects

Reproductive toxicity

- No evidence of reproductive effects

Specific target organ toxicity (STOT) - single exposure

- STOT SE 3
- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

Specific target organ toxicity (STOT) - repeated exposure

- STOT RE 2
- Can cause damage to the liver
- Can cause damage to the central nervous system
- Can cause damage to the testes

Aspiration hazard

- No information available but must be considered harmful

Contact with eyes

- Causes serious eye irritation.
- Causes redness and swelling
- May cause blurred vision

Contact with skin

- May cause an allergic skin reaction.
- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

Ingestion

- Causes gastro-intestinal disturbances
- Causes nausea/vomiting
- Causes diarrhoea
- Can cause damage to the central nervous system

Inhalation

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SECTION 11 Toxicological information (....)

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
 - May cause respiratory tract irritation.
 - May cause coughing
 - In cases of severe exposure, respiratory failure may develop
-

SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (ethanol) 12000 mg/l (96 hr)
- LC50 (crustaceans) (ethanol) 3720 mg/l (48 hr)
- EC50 (daphnia) (ethanol) >10000 mg/l (48 hr)
- LC50 (bluegill sunfish) (butanol) 100 - 500 mg/l (96 hr)
- EC50 (Daphnia magna) (butanol) 1897 - 2072 mg/l (48 hr)
- LC50 (fish) (propanol) 4200 - 11100 mg/l (96 hr)
- LC50 (crustaceans) (propanol) 1400 mg/l (48 hr)

12.2 Persistence and degradability

- Not readily biodegradable

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- Insoluble in water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other Adverse Effects

- No information available
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Avoid release to the environment.
- Empty containers may contain flammable vapours
- Do not pierce or burn container, even after use
- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Disposal should be in accordance with local, state or national legislation

13.2 Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)
-

SECTION 14 Transport information

Flammable Solid

14.1 UN Number

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SECTION 14 Transport information (....)

- UN No.: 1325
- 14.2 UN Proper Shipping Name
 - Proper Shipping Name: FLAMMABLE SOLID, ORGANIC, N.O.S. (ethanol, propan-2-ol)
- 14.3 Transport hazard class(es)
 - Hazard Class: 4.1
- 14.4 Packing group
 - Packing Group: II
- 14.5 Environmental hazards
 - No information available.
- 14.6 Special precautions for user
 - No information available
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code
 - Not applicable
- 14.8 Road/Rail (ADR/RID)
 - Proper Shipping Name: FLAMMABLE SOLID, ORGANIC, N.O.S. (ethanol, propan-2-ol)
 - ADR UN No.: 1325
 - ADR Hazard Class: 4.1
 - ADR Packing Group: II
 - Tunnel Code: E
- 14.9 Sea (IMDG)
 - Proper Shipping Name: FLAMMABLE SOLID, ORGANIC, N.O.S. (ethanol, propan-2-ol)
 - IMDG UN No.: 1325
 - IMDG Hazard Class: 4.1
 - IMDG Pack Group.: II
- 14.10 Air (ICAO/IATA)
 - Proper Shipping Name: FLAMMABLE SOLID, ORGANIC, N.O.S. (ethanol, propan-2-ol)
 - ICAO UN No.: 1325
 - ICAO Hazard Class: 4.1
 - ICAO Packing Group: II

SECTION 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 - This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
 - Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe
- 15.2 Chemical Safety Assessment
 - A REACH chemical safety assessment has not been carried out

SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H372: Causes damage to organs through prolonged or repeated exposure. R10: Flammable. R11: Highly Flammable. R22: Harmful if swallowed. R36: Irritating to eyes. R37/38: Irritating to respiratory system and skin. R41: Risk of serious damage to eyes. R43: May cause sensitisation by skin contact. R67: Vapours may cause drowsiness and dizziness.

This information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contra-indications and precautions for the treatment of patients.

Created January 2015 by ChemRegs (UK) Ltd