

SAFETY DATA SHEET
(MATRIX) CHEWING GUM REMOVER CONCENTRATE

Page 1
Issued: 24/04/2007
Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: (MATRIX) CHEWING GUM REMOVER CONCENTRATE

Product code: HC0825

Synonyms: HC0825 / MATRIX

Use of substance / preparation: FOR PROFESSIONAL AND INDUSTRIAL USE ONLY. Water based hard surface cleaner.

Company name: LIQUID SCIENCE LABORATORIES

(A trading name of Melpass Ltd.)

PO Box 1048

Colne

Lancashire

BB9 4BE

United Kingdom

Tel: 01282 856261

Fax: 01282 856260

Emergency tel: 0777 342 9963

2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: CITRIC ACID MONOHYDRATE 1-10%

EINECS: 201-069-1 CAS: 5949-29-1

[Xi] R36/37/38

- PRIMARY ALCOHOL ETHOXYLATE <1%

EINECS: - CAS: 68439-45-2

[Xn] R22; [Xi] R41

- TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE 1-10%

EINECS: 200-573-9 CAS: 64-02-8

[Xi] R36/38

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

[cont...]

SAFETY DATA SHEET
(MATRIX) CHEWING GUM REMOVER CONCENTRATE

Ingestion: Wash out mouth with water.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Citrus/lemon.

Evaporation rate: Slow

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Boiling point/range°C: 100

Melting point/range°C: 0

Relative density: 1.070

pH: 8.5 - 9.5

VOC g/l: 0

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

SAFETY DATA SHEET
(MATRIX) CHEWING GUM REMOVER CONCENTRATE

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: CITRIC ACID MONOHYDRATE

ORL RAT LD50 11700 mg/kg

SCU RAT LD50 5500 mg/kg

- PRIMARY ALCOHOL ETHOXYLATE

IHL RAT LC50 >5 mg/l

ORL RAT LD50 200-2000 mg/kg

SKN RAT LD50 >2000 mg/kg

- TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE

ORL RAT LD50 3030 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Hazardous ingredients: CITRIC ACID MONOHYDRATE

FISH GOLDFISH 96hr LC50 440 - 706 mg/l

- TETRA-SODIUM ETHYLENEDIAMINE TETRA-ACETATE

FISH FATHEAD MINNOWS 96H LC50 >100 mg/l

Mobility: Readily absorbed into soil. Volatile. Soluble in water.

Persistence and degradability: Biodegradable. The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste. Clean with water.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

Shipping name: Not classed as hazardous for transport.

IMDG / IMO

SAFETY DATA SHEET
(MATRIX) CHEWING GUM REMOVER CONCENTRATE

IATA / ICAO**15. REGULATORY INFORMATION**

Hazard symbols: No significant hazard.

Safety phrases: S2: Keep out of the reach of children.

S23: Do not breathe spray.

S24/25: Avoid contact with skin and eyes.

S37/39: Wear suitable gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

IMPORTANT NOTE:

Risk phrases in this section below relate to the INDIVIDUAL COMPONENTS in the formulation when used at their FULL CONCENTRATIONS, and not at the reduced levels in the mixed product.

See sections 3 and 15 for the calculated hazard and risk phrases for the blended product.

Risk phrases used in s.3: R36/37/38: Irritating to eyes, respiratory system and skin.

R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. For professional and industrial use only.