

SAFETY DATA SHEET

REJUVINATOR

Issued: 21/06/2005

Revision No: 1

Page: 1

1. Наименование на веществото / препаратата и на фирмата / предприятието

Product name: REJUVINATOR
Product code: C504
Synonyms: EC128
Use / description of product: Liquid. Flammable. Harmful.
Company name: E C S (Nottingham) Ltd
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2. Състав на препаратата / информация за компонентите

Hazardous ingredients: METHOXY PROPANOL 10-30%
[F] R11; [Xi] R36; [Xi] R66; [-] R67

- LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. 50-70%
EINECS: 265-199-0 CAS: 64742-95-6
[F+] R12; [Xi] R38; [N] R51/53; [Xn] R65
- 2-BUTOXYETHANOL 1-10%
EINECS: 203-905-0 CAS: 111-76-2
[Xn] R20/21/22; [Xi] R36/38
- ISOPROPYLAMINE DODECYLBENZENE SULPHONATE 1-10%
CAS: 26264-05-1
[Xi] R38; [Xi] R41

3. Описание на опасностите

Main hazards: Flammable. Harmful by inhalation, in contact with skin and if swallowed. 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. Мерки за оказване на първа помощ (Симптоми)

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. Мерки за оказване на първа помощ (Действия)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

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

SAFETY DATA SHEET

REJUVINATOR

Issued: 21/06/2005

Revision No: 1

Page: 2

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. Мерки при гасене на пожар

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. Мерки при аварийно изпускане

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep, bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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.

7. Работа с веществото / препарата и съхранение

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

8. Контрол при експозиция и лични предпазни средства

Hazardous ingredients: METHOXY PROPANOL
WEL (8 hr exposure limit): 1210 mg/m³ WEL (15 min exposure limit): 3620 mg/m³

• 2-BUTOXYETHANOL
WEL (8 hr exposure limit): 25 ppm WEL (15 min exposure limit): 50 ppm

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

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

Skin protection: Impermeable protective clothing.

9. Физични и химични свойства

State: Liquid

Colour: Colourless

Odour: Aromatic

Evaporation rate: Fast

SAFETY DATA SHEET

REJUVINATOR

Issued: 21/06/2005

Revision No: 1

Page: 3

Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Slightly soluble
Also soluble in:	Most organic solvents.
Viscosity:	Non-viscous
Boiling point/range°C:	155-181
Flammability limits %: lower:	0.9
upper:	8
Flash point°C:	34
Autoflammability°C:	>460
Relative density:	0.87

10. Стабилност и реактивоспособнос

Stability:	Stable under normal conditions.
Conditions to avoid:	Heat. Sources of ignition.
Materials to avoid:	Strong oxidising agents. Strong acids.
Haz. decomp. products:	In combustion emits toxic fumes.

11. Токсикологическа информация

Hazardous ingredients:	LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. ORL RAT LD50 8400 mg/kg
•	2-BUTOXYETHANOL IVN RAT LD50 307 mg/kg ORL MUS LD50 1230 mg/kg ORL RAT LD50 470 mg/kg
•	ISOPROPYLAMINE DODECYLBENZENE SULPHONATE IVN RAT LD50 >2000 mg/kg

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

12. Информация за околната среда

Mobility:	Readily absorbed into soil.
Persistence and degradability:	Not biodegradable.
Bioaccumulative potential:	Bioaccumulation potential.
Other adverse effects:	Toxic to aquatic organisms. Toxic to soil organisms.

13. Третиране на отпадъците

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

14. Информация за транспортиране

ADR / RID

UN no:	1993
Packing group:	III

SAFETY DATA SHEET

REJUVINATOR

Issued: 21/06/2005

Revision No: 1

Page: 4

Shipping name: FLAMMABLE LIQUID, N.O.S.
Labelling: 3
ADR Class: 3
Classification code: F1
Hazard ID no: 30

IMDG / IMO

UN no: 1993 **Class:** 3
Packing group: III **EmS:** F-E,S-E*
Marine pollutant: . **Labelling:** 3

IATA / ICAO

UN no: 1993 **Class:** 3
Packing group: III **Packing instructions:** 309(P&CA); 310(CAO)
Labelling: 3

15. Информация, съгласно действащата нормативна уредба

Hazard symbols: Harmful.
Dangerous for the environment.
Flammable.



Risk phrases: R10: Flammable.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
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: S36/37: Wear suitable protective clothing and gloves.
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.
S1/2: Keep locked up and out of the reach of children.
S24: Avoid contact with skin.
S23: Do not breathe vapour
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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. Друга информация

SAFETY DATA SHEET

REJUVINATOR

Issued: 21/06/2005

Revision No: 1

Page: 5

Risk phrases used in s.2:

R11: Highly flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

R12: Extremely 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.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/38: Irritating to eyes and skin.

R41: Risk of serious damage to eyes.

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.

САМО ЗА ПРОМИШЛЕНА УПОТРЕБА