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Complying with 1907/2006/EEC Regulation of 18 December 2006 ("REACH Regulation")**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product name: RELAX 250 SL

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

Common uses: Industrial.

1.3 Details of the supplier of the safety data sheet

CTS Ltd. - AGRICA
4 Haharash Street,
Hod Hasharon 45240, Israel
P.O. Box 10 Tel-Aviv, Israel
Phone: +972-9-7626257
Fax: +972-9-7626327

E-mail address of person responsible for this SDS: erezbn@cts.co.il**1.4 Emergency telephone number**

Emergency telephone number (with hours of operation): +972-9-7626333

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**Classification in accordance to Regulation (EC) No. 1272/2008 (CLP):

Skin Irrit. 2 H315

Eye Irrit. 2 H319

See section 16 for the full text of the H-statements declared above.

2.2 Label elementsLabelling in accordance with Regulation 1272/2008 (CLP)

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s):

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statement(s):

P264: Wash thoroughly with soap and water after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention.

2.3 Other hazard

Not available

SECTION 3: Composition/information on ingredients

3.2 Mixtures:

Substance name	Identifiers	%	CLP Classification
Fomesafen	CAS number: 72178-02-0 EC number: 276-439-9	15-25	Acute Tox. 4 H302
Sodium hydroxide	CAS number: 1310-73-2 EC number: 215-185-5	<2	Skin Corr. 1A H314

See section 16 for the full text of the H-statements declared above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eyes contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Get medical attention.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Get medical attention.

Inhalation: Remove the victim from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention.

Ingestion: **Do not induce vomiting.** If victim is conscious, wash mouth thoroughly with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

See section 2.2 (Label elements) and/or section 11 (Toxicological information) for the most important known symptoms and effects.

4.3 Indication of any immediate medical attention and special treatment needed

Not available

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable: Foam, carbon dioxide or dry powder.

Not suitable: Solid water stream

5.2 Special hazards arising from the substance or mixture

Under fire conditions may emit toxic and irritating fumes.

5.3 Advice for firefighters

Special protective equipment for fire fighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Ventilate area of spill. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

6.4 Reference to other sections

See Section 1 for emergency contact information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapors, mist or gas. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep container tightly closed in a dry, cool and well-ventilated place. Keep away from oxidizing agents.

7.3 Specific end use(s): N/A

SECTION 8: Exposure control/personal protection

8.1 Control parameters

Substance name	Occupational exposure limits
Sodium hydroxide	ACGIH-TLV 2 mg/m ³ (CEIL)

8.2 Exposure controls

Engineering measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Person Protective measures

Respiratory protection: Suitable respirator. Be sure to use an approved/certified equipment or equivalent equipment. Wear appropriate respirator when ventilation is inadequate.

Hand protection: Wear protective gloves to prevent skin exposure.

Eye protection: Wear protective safety glasses.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

Environmental exposure controls: Not available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Clear yellow liquid

Odour: N/A

Odour threshold: N/A

pH: 5.0-8.0

Melting point/Freezing point: N/A

Initial boiling point/boiling range: N/A

Flash point: N/A

Evaporation rate: N/A

Flammability: N/A

Upper/lower flammability or explosive limits: N/A

Vapor pressure: N/A

Vapor density: N/A

Relative density: N/A

Solubility(ies): Soluble in water

Partition coefficient Octanol/Water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Explosive properties: N/A

Oxidizing properties: N/A

9.2 Other information

Density: 1110-1145 gr/L

SECTION 10: Stability and reactivity

10.1 Reactivity

Not available

10.2 Chemical stability

The product is stable under normal handling and storage conditions described in Section 7.

10.3 Possibility of hazardous reactions

Fomesafen

Can decompose at high temperatures forming toxic gases.

10.4 Conditions to avoid

Excess heat.

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

Other decomposition products: not available

In the event of fire: see section 5.

SECTION 11: Toxicological information
11.1 Information on toxicological effects

Acute toxicity:

Product/substance name	Test	Species	Dose
Fomesafen	LD50, Oral	Rat	1250-2000 mg/kg
	LD50, Administration onto the skin	Rabbit	>1000 mg/kg
	LC50, Inhalation	Rat	4.97 mg/l/4H

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: Not available

Germ cell mutagenicity: Not available

Carcinogenicity: Not available

Reproductive toxicity: Not available

Specific target organ toxicity (single exposure): Not available

Specific target organ toxicity (repeated exposure): Not available

Aspiration hazard: Not available

Other symptoms: May cause upper respiratory irritation, dermatitis to the skin and sensitive eyes.

SECTION 12: Ecological information
12.1 Toxicity

Product/ingredient name	Toxicity to algae	Toxicity to fish	Toxicity to crustaceans
Fomesafen	EC50/72h - 170 µg/L	LC50/96h - Rainbow trout - 170 mg/L LC50/96h - Bluegill - 1507 mg/L	EC50/48h - Daphnia - 330 mg/L
Sodium hydroxide	-	-	EC50/48h - 40.4 mg/L

12.2 Persistence and Degradability

Not available

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

Not available

12.5 Results of PBT and vPvB assessment

Not available

12.6 Other adverse effects

Not available

SECTION 13: Disposal considerations

13.1 Waste treatment methods**Product**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Packing

Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

14.1 Un number

ADR/RID: -

IMDG: -

IATA: -

14.2 Proper shipping name

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

14.3 Transport hazard class(es)

ADR/RID:

IMDG:

IATA:

14.4 Packing group

ADR/RID:

IMDG:

IATA:

14.5 Environmental hazard

Marine Pollutant: N/A

14.6 Special precautions for user

Not available

14.7 Transport to bulk according to Annex II of MARPOL 79/78 and the IBC Code

Not available

SECTION 15: Regulatory information

This SDS complies with the following requirements of:
EU Regulation (EC) No.1907/2006 (REACH) including amendments
Regulation (EC) No.1272/2008 (CLP)

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available

15.2 Chemical safety assessment

Not available

SECTION 16: Other information

Full text of Hazards Statements referred to in sections 2 and 3:

Skin Corr.- Skin corrosion

Acute Tox.- Acute toxicity

Eye Irrit.- Eye irritation
 Skin Irrit. - Skin irritation
 H302: Harmful if swallowed.
 H314: Causes severe skin burns and eye damage.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.

Training advice: Before using/handling the product one must read carefully present SDS.

Key Legend Information:

- CAS - Chemical Abstract Service
- ACGIH - American Conference of Governmental Industrial Hygienists
- OSHA - Occupational Safety and Health Administration
- NTP - National Toxicology program
- IARC - International Agency for Research on Cancer
- N/A - Not available
- H - statements- Hazard statements
- TLV - Threshold Limit Value
- TWA - Time-weighted average
- STEL - Short-Term Exposure Limit
- CSA - Chemical safety assessment

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