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| MATERIAL SAFETY DATA SHEET | | Revision nr: 1 |
| | | Date: 25/07/02 |
| | | Supersedes: 400320 |
| Cladex Revive PL | | |
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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Company identification: tensid uk ltd
Aquila House, 70a Wheatash Rd
Addlestone
Surrey KT15 2ES United Kingdom
Tel: 01932 564133

Product code: 400320
Trade name: Cladex Revive PL
Use: Industrial Cleaner

2 COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient Name: | CAS No. | CONTENT: | EINECS/ELINCS: | RISK: |
|-------------------|---------|-----------------|----------------|-----------------------|
| Isopropyl alcohol | 67-63-0 | <60% Balance | 200-661-7 | R11 Xi: R36 R67 |

Other components are either not CHIP classified or are below the concentration limit for classification.

3 HAZARDS IDENTIFICATION



Physical and chemical: Flammable
Health: Irritating to the eyes. Vapour may cause drowsiness and dizziness.
Environmental: According to experience, this product is harmless to the environment if handled in the correct manner.

4 FIRST AID MEASURES

General Information: Take measures to avoid further contamination or contact.
Inhalation: If inhaled, provide fresh air, warmth, rest and SEEK MEDICAL ADVICE.
Ingestion: Allow the patient to vomit on his own accord. Give copious water to drink and if necessary seek medical advice.
Skin contact: Clean areas of skin affected immediately with soap and plenty of water.
Eye contact: In case of contact with eyes, rinse immediately with plenty of water until irritation subsides. If necessary (e.g. irritation persists), consult an eye specialist/ophthalmologist.

5 FIRE FIGHTING MEASURES

General Hazard: **THIS PRODUCT IS A FLAMMABLE LIQUID.**
Extinguishing Media: To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder)
Special exposure hazards: Decomposition products released in a fire should be considered toxic if inhaled.
Protective Equipment: Wear self-contained breathing apparatus.

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6 ACCIDENTAL RELEASE MEASURES

Methods for Cleaning up: Remove all sources of ignition – NO SMOKING.
Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust, using spark-proof equipment, into tightly closable containers. Label container and dispose of as prescribed.

7 HANDLING AND STORAGE

Advice on Safe Handling: Handle in accordance with good hygiene and safety practice.
Remove all sources of ignition – NO SMOKING.

Storage conditions: Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry.

8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure controls: There are no exposure limit values available.

| | | |
|--------------------|-----|-------------------|
| LTEL (8 hour TWA). | ppm | mg/m ³ |
| STEL (15 min) | ppm | mg/m ³ |



Personal Protection: Observe normal standards for handling chemicals.
Do not breathe vapour.
Avoid eye and skin contact.
Wash thoroughly after handling (shower if necessary). Store working clothes separately. Wear personal protective equipment appropriate to the task.

Engineering controls: Take measures against the build up of electrostatic charges.

Ventilation: Provide local exhaust ventilation.

Respirators: Respirator or air fed visor (if ventilation is insufficient).

Protective Gloves: Use protective gloves.

Eye Protection: Use approved safety goggles or face shield.

Other protection: Wear protective overalls.

Hygienic work practices:

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

FURTHER INFORMATION: Personal protective equipment should be selected as appropriate to the nature and aggressiveness of the identified hazard(s). It should be regularly inspected for such things as soundness against leaks, bad fitting and possible chemical penetration. Recommended safe user periods should never be exceeded.

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9 PHYSICAL AND CHEMICAL PROPERTIES

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|--|-------------------------|
| Appearance: | Liquid |
| Colour: | Opaque/beige |
| Odour: | Solvent-like |
| pH: | 9.1 |
| Density/specific gravity (G/ML) | 1.005 g/cm ³ |
| Melting point/range: | 0° C |
| Flash point: | 33°C |
| General Flammability: | Flammable |
| Viscosity: | 19 sec (4DIN 53211) |
| Water Solubility: | Miscible |

10 STABILITY AND REACTIVITY

Stability: Stable under normal conditions of handling.

11 TOXOLOGICAL INFORMATION

Consideration should be given to section 15 of this safety data sheet, noting any identified hazards for this product and route of entry whereby harm could be caused to body tissues and organs.

12 ECOLOGICAL INFORMATION

Degradability: Surfactants >90% biodegradable

Do not allow to get into waste water or waterways: if this occurs, inform the relevant water authority at once. Consideration should be given to any environmental or health hazards indicated in section 3, and the physical properties indicated in section 9, of this safety data sheet, in the light of any possible damage to wildlife or to the environment in land, water, air or upper atmosphere.

13 DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with Local Authority Requirements.

14 TRANSPORT INFORMATION



Label for Transport:

Road Transport:-

Un No. Road: 1993

ADR Class No. Class 3: Irritant substances

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ADR Class: 3
ADR Label No: 3
Proper shipping name: Flammable Liquid N.O.S. (Contains Isopropanol)
Emergency action code: 3Y
Rail Transport:-
Rid Class No. 3
Sea Transport:-
UN Sea No, 1993
IMDG Sea No. 3
IMDG Packing Group: III
Marine Pollutant: No
Air Transport:-
UN Air No. 1993
ICAO Class: 3
Air Packing Group: III

15 REGULATORY INFORMATION

Classification and labelling: This product is categorised in accordance with the Chemicals (Hazard information and Packaging for Supply) Regulations (CHIP 3).



Label for Supply:
Risk Phrases:

R10 Flammable

R36 Irritating to the eyes

Safety Phrases:

R67 Vapours may cause drowsiness and dizziness

S7 Keep container tightly closed.

S16 Keep away from sources of ignition = No Smoking.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16 OTHER INFORMATION

Issue date: 25/07/2002
SDS. No. 400311

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC

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