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		Revision nr : 2
		Date : 24/1/2005
		Supersedes : 23/4/2004
HEAVY DUTY PAINT STRIPPER		F-1

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

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

Product code : 1

Trade name : HEAVY DUTY PAINT STRIPPER.

Use : Industrial.

2 COMPOSITION / INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS no	EC no	EC index	Classification
Potassium hydroxide	: 30 to 60 %	1310-58-3	215-181-3	019-002-00-8	Xn; R22 C; R35

3 HAZARDS IDENTIFICATION

Main hazards : Harmful if swallowed.
Causes severe burns.

4 FIRST AID MEASURES

- **Inhalation** : Remove victim to fresh air. Obtain medical attention if breathing difficulty persists.

- **Skin contact** : For even minor contact, immediately remove contaminated clothing/wash skin thoroughly with mild soap / water. Obtain medical attention.

- **Eye contact** : In case of eye contact, immediately rinse with clean water for 20-30 minutes. Retract eyelids often. Obtain medical attention.

- **Ingestion** : If swallowed, rinse mouth with water (only if the person is conscious). Give water to drink. Obtain medical attention.

5 FIRE-FIGHTING MEASURES

Flammable class : Not flammable.

Extinguishing media : Use extinguishing media appropriate for surrounding fire.

Surrounding fires : Use water spray or fog for cooling exposed containers.

Special exposure hazards : When heated to decomposition, emits dangerous fumes. Carbon monoxide. Carbon dioxide.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Equip cleanup crew with proper protection.

Environmental precautions : Prevent entry to sewers and public waters.

After spillage and/or leakage : Clean up any spills as soon as possible, using an absorbent material to collect it. Use non-corrodable disposal containers. Flush with plenty of water.

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7 HANDLING AND STORAGE

- Precautions in handling and storage** : Handle in accordance with good industrial hygiene and safety procedures. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
- Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
- Handling** : Wear suitable protective clothing.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Respiratory protection** : Local exhaust and general ventilation must be adequate to meet exposure standards.
In case of insufficient ventilation, wear suitable respiratory equipment.
- **Hand protection** : Use neoprene or rubber gloves.
- **Skin protection** : Total impervious protective suits, gloves, and boots must be worn.
- **Eye protection** : Chemical goggles or face shield with safety glasses.
- **Ingestion** : When using, do not eat, drink or smoke.
- Occupational Exposure Limits** : Potassium hydroxide : WEL (15 min) mg/m³ : 2

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Paste.
- Colour** : Brown.
- Density [kg/m³]** : ca 1300

10 STABILITY AND REACTIVITY

- Hazardous decomposition products** : When heated to decomposition, emits dangerous fumes. Carbon monoxide. Carbon dioxide.
- Hazardous properties** : Attacks metals
- Materials to avoid** : Acids.
Aluminium (Al). Tin (Sn). Zinc (Zn).

11 TOXICOLOGICAL INFORMATION

- **Inhalation** : May cause irritation to the respiratory tract and to other mucous membranes.
- **Dermal** : Causes severe burns.
- **Ocular** : Causes severe burns. May cause destruction of eye tissue.
- **Ingestion** : Harmful if swallowed. Corrosion or irritation of the linings of the mouth, throat, and gastrointestinal tract.

12 ECOLOGICAL INFORMATION

- LC50-96 Hour - fish [mg/l]** : 39 to 56 (Potassium Hydroxide)
- Persistence and degradability** : Product is biodegradable.

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13 DISPOSAL CONSIDERATIONS

Disposal : Dispose of this material and its container at hazardous or special waste collection point.

14 TRANSPORT INFORMATION

- UN No. : 1814
 - H.I. nr : 80
 ADR/RID
 - Proper shipping name : POTASSIUM HYDROXIDE SOLUTION
 - ADR Class : 8
 - ADR Packing group : II
 Hazard Label(s)



: Label 8 : Corrosive substance.

15 REGULATORY INFORMATION

Symbol(s)



: Corrosive

R Phrase(s)

: R22 - Harmful if swallowed.
 R35 - Causes severe burns.

S Phrase(s)

: S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S27 - Take off immediately all contaminated clothing.
 S35 - This material and its container must be disposed of in a safe way.
 S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
 S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

16 OTHER INFORMATION

Further information : Specifications and technical information on the product may be obtained by your dealer.

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

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