

Material Safety Data Sheet

Issue Date: 26th of September 2010

Company: Sperling Enterprises Pty Ltd

Product Name: KENCO SHIFT-IT

Classified as Hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND COMPANY

Product Name KENCO SHIRT-IT
Product Code KSD750, KSD5L, KSD20L
Product Use For removal of oily and dirty material from surfaces and fabric materials

Company Name Sperling Enterprises Pty Ltd
Address 16 Helles Ave, Moorebank
NSW 2170 Australia
Emergency Tel. 0422 560080.
Telephone: (02) 9821 1444 **Fax:** (02) 9821 2641

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Liquid
Characterisation
Ingredients

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Caustic Soda	1310-73-2	1%-5%
Ethyl glycol monobutyl ether	112-25-4	3%-8%
Sodium Tripolyphosphate	7758-29-4	2%-5%
Nonylphenol Surfactant	9016-45-9	2%-5%

Other materials are classified as non hazardous by NOHSC/ASCC

3. HAZARDS IDENTIFICATION

Contact with acids liberates toxic gas.
Causes burns.
Irritating to eyes and respiratory System.

4. FIRST AID MEASURES

Inhalation Remove the sources of contamination or move the victim to fresh air.

Ingestion Do NOT induce vomiting. Wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Skin If skin contact occurs remove contaminated clothing and wash contaminated skin with running water. If irritation occurs seek medical advice.

Eye If contact with eye(s) occurs, wash with running water holding eyelid open.
Flush for at least 15 Minutes. In all cases of eye contamination seek medical advice.

First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor Treat symptomatically. For advice, contact a Poisons Information Centre (Australia 131 126).

5. FIRE FIGHTING MEASURES

Extinguishing Media Water, foam, carbon dioxide.
Specific Hazards Not applicable, acts as a extinguishing media.

Hazardous Combustion Products Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Avoid spreading, contain spill.
Clean-up Methods-Small Spillage's Scoop up spill and clean area with water.
Flush with running water to sewer.
Clean-up Methods-Large Spillage's Scoop up spill with absorbent material. Contain in one area.
Do not allow material to enter waterways.

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7. HANDLING AND STORAGE

Handling When decanting gloves should be worn.

storage Store in a cool dry area out of direct sunlight.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Other exposure Information

Respiratory Protection If engineering controls are not effective in controlling vapour exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Reference should be made to Australian/New Zealand Standards AS/NZ 1715, Selection Use and maintenance of Respiratory Protective Devices, and AS/NZ 1716, Respiratory Device.

Eye Protection Safety glasses with side shields or goggles should be worn as described in Australian Standards As/NZ 1337 - Eye Protectors for Industrial Applications. This can include methods of handling.

Hand Protection Final choice of appropriate glove type will vary according to individual circumstances. Refer to AS/NZS 2161: Risk assessments, Occupational protective gloves - use and maintenance.

Body Protection Suitable workwear should be worn to protect personal clothing, eg cotton overalls buttoned at neck and wrist. Plastic aprons and rubber boots is recommended. Refer to AS 2919 Ind. clothing.

Eng. Controls Maintain air concentration below exposure standards. Ensure vapour fume are adequately controlled. Use extraction ventilation where required.

Hygiene Measures Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilets.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear Liquid.

Odour Odourless

Melting Point NA

solubility in Water Highly soluble

Specific Gravity (H₂O=1) 1.01

pH Value 14

Vapour Pressure NA

Flash Point NA

Flammability Not flammable

Flammable Limits NA

LEL NA

Other Information Reactivity with acids and aluminium.

10. STABILITY AND REACTIVITY

Stability Stable if not mixed with other chemicals

Hazardous Will not occur.

Polymerisation NA

Materials to Avoid Contact with acids liberates toxic gas.

Hazardous Decomposition can be initiated by diluting it with water.

Decomposition NA

biproducts

Hazardous Reaction Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information No toxicity data is available for this product.

Inhalation Irritating to respiratory system.

Ingestion Due to the alkalinity of this product, damage to the gastrointestinal tract may be expected. Ingestion of this product may irritate the gastric tract, causing nausea and vomiting.

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Skin May cause irritation to the skin.
Eye Causes burns. Irritating to eyes.
Chronic Effects Prolonged or repeated skin contact may cause defatting leading to dermatitis.

12. ECOLOGICAL INFORMATION

Known Harmful In concentrated forms where Degreaser percentage approaches 3% of water content then harmful to marine life.
Effects on the Environment Direct contact with vegetation in concentrated form
Mobility NA
Persistence/ Degradability NA
Bioaccumulation NA
Ecotoxicity NA

13. DISPOSAL CONSIDERATIONS

Bulk quantities: dispose of according to Local, State and Federal regulations. contact relevant authority for details.

14. TRANSPORT INFORMATION

Not classified as Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
U.N. Number None allocated
Proper Shipping Name None allocated
DG Class None allocated
Hazchem Code None allocated
Packing Group None allocated

15. REGULATORY INFORMATION

Risk Phrase R31 Contact with acids liberates toxic gas.
Safety Phase R34 Causes burns.
R36/37 Irritating to eyes and respiratory system.
S13 Keep away from food and drink.
S2 Keep out of reach of children.
S22 Do not breath vapours.
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.
Poisons Schedule S5
Hazard Category Corrosive, Oxidising.

16. OTHER INFORMATION

Contact Person/Point EMERGENCY CONTACT POINT: Graeme Marteene 0422560080.

-----End of MSDS-----