

ALCOCHEM******* SAFETY DATA SHEET *********1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME	Glue boards for EFK's
RECOMMENDED USE	replaceable part of UV units
SUPPLIER	Alcochem Hygiene B.V. Coelhorsterweg 22 3751 LS BUNSCHOTEN-SPAKENBURG Netherlands

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	DANGEROUS FOR THE ENVIRONMENT Not classified as dangerous.
EYE	As supplied : no hazard . As used : severe thermal hazard.
SKIN CONTACT	As supplied : no hazard . As used : severe thermal hazard.
INHALATION	At elevated temperatures may be irritating to eyes and respiratory tract.
INGESTION	Low oral toxicity.
PHYSICO-CHEMICAL	No unusual hazards are expected.
ENVIRONMENTAL	Adverse effects would not be expected.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY	HOT MELT ADHESIVE		
<u>COMPONENT</u>	<u>EC NUMBER</u>	<u>CONCENTRATION%</u>	<u>EC SYMBOL/ RISK PHRASES</u>
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol 3864-99-1	23-383-8	<1	XN R48/22 %52/53
Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester	255-437-1	<0,5	N R43 R50/53

For full text of risk phrases, please refer to Section 16.

4. FIRST AID MEASURES

EYE	If hot : flush with cool water. Treat as a wax or resin burn. Do not attempt to remove solidified product. Get medical attention immediately. As supplied: remove as foreign body.
SKIN CONTACT	If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately. As supplied: Non-hazardous.
INHALATION	Remove to fresh air. Get medical attention if irritation persists.
INGESTION	None required .

4. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	CO2; Dry Chemical
SPECIAL FIREFIGHTING PROCEDURES	No special procedures are require
FIRE & EXPLOSION HAZARDS	Combustible at high temperatures
HAZARDOUS COMBUSTION PRODUCTS	Carbon monoxide, carbon dioxide, unknown hydrocarbons.
LOWER EXPLOSION LIMIT (%)	Not applicable
UPPER EXPLOSION LIMIT (%)	Not applicable.
AUTOFLAMMABILITY	Not available.
FLASH POINT	>200 ⁰ C

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES	Allow to cool and solidify. Scrape up and collect in suitable containers for disposal.
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For safety and environmental precautions, please review entire Safety Data Sheet for necessary information.

7. HANDLING AND STORAGE

STORAGE TEMPERATURE	<50 ⁰ C
HANDLING/STORAGE	Store in a cool, dry area.
SENSITIVE TO STATIC ELECTRICITY	No.
SPECIAL SENSITIVITY	No special sensitivity.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE CONTROLS

VENTILATION REQUIREMENTS	Normal (mechanical) room ventilation should be adequate for small volumes. For higher volume activities, or if needed for worker comfort, local mechanical exhaust should be provided.
EYE PROTECTION REQUIREMENTS	Not applicable.
GLOVE REQUIREMENTS	Not applicable.
CLOTHING REQUIREMENTS	Uniforms, coveralls, or a lab coat may be worn.
WASH REQUIREMENTS	Wash before eating, drinking, or using toilet facilities.
RESPIRATORY REQUIREMENTS	None required if good ventilation is maintained.

9. PHYSICAL AND CHEMICAL PROPERTIES

PURE SUBSTANCE OR PREPARATION	Preparation.
PHYSICAL FORM	Solid.
COLOUR	Yellow.
ODOUR	Slight.
ODOUR THRESHOLD	Not available.
OXIDIZING PROPERTIES	Not applicable.
BOILING POINT	Glue>250 ⁰ C.
MELTING POINT	Glue>55 ⁰ C
SOLUBILITY IN WATER	Insoluble
PARTITION COEFFICIENT (n-octanol/water)	Not applicable.
BULK DENSITY	Not available.
EVAPORATION RATE	Not applicable.
VAPOUR PRESSURE(mmHg)	Not applicable.
VAPOUR DENSITY (air=1)	Not applicable.
VOLATILES	None.
VOLATILE ORGANIC COMPOUNDS	Not available.
AUTOFLAMMABILITY	Not available.
FLASH POINT	>200 ⁰ C

10. STABILITY AND REACTIVITY

STABILITY	Stable Not applicable.
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11. TOXICOLOGICAL INFORMATION

EYE	Es supplied: irritant as a foreign body . As used : severe thermal hazard.
SKIN	As supplied: no hazard. As used: severe thermal hazard.
INHALATION	At elevated temperatures may be irritating to eyes and respiratory tract.
INGESTION	Low oral toxicity.
EFFECTS OF CHRONIC	Although this product has not been tested for chronic effects it is judged as having a low order of toxicity based on component information. Use of good industrial hygiene practices is recommended.
TARGET ORGANS	None known.
PRODUCT INFORMATION	Not established.

12. ECOLOGICAL INFORMATION

POTENTIAL EFFECTS ON ENVIRONMENT	Unknown.
ECOTOXICITY	Unknown.
AQUATIC TOXICITY	Unknown.
MOBILITY	Unknown.
PERSISTENCE AND DEGRADABILITY	Unknown.
POTENTIAL TO BIOACCUMULATE	No.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS	Waste disposal should be in accordance with existing Community, National and local regulations.
EMPTY CONTAINER WARNINGS	Not needed.

14. TRANSPORT INFORMATION (See also section 9)

IATA CLASSIFICATION	Not classified as dangerous.
IMDG CLASSIFICATION	Not classified as dangerous.
ADR/RID	Not classified as dangerous.

15. REGULATORY INFORMATION

Not classified as dangerous.

RISK PHRASES	R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
EINECS	All components of this product are listed in EINECS or ELINCS.

16. OTHER INFORMATION

FULL TEXT OF RISK PHRASES FOR INGREDIENTS INDICATED IN SECTION 3:

2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol - 3864-99-1	R48/22 – Harmful; danger of serious damage to health by prolonged exposure if swallowed. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester	R43 – May cause sensitization by skin contact. R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This information is provided for health and safety assessment by an industrial user. Reference should be made to any relevant local or national health, safety and environmental legislation. This information does not constitute indication of suitability for specific uses .