

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Any media.

SPECIFIC HAZARDS

Flammable hydrocarbon vapour may be emitted during fire.

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.
 Women in the early stages of pregnancy should avoid use.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Do not let washing down water contaminate ponds or waterways.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.
 provide good ventilation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.
 Store out of direct sunlight to avoid discolouration of the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	8h TWA		STEL	
POLYPHENYLS	WEL		5 mg/m ³		10 mg/m ³

WEL – Workplace Exposure Limit; 8h TWA – 8-hour Time-Weighted Average; STEL – Short-Term EL.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Overalls.

Breathing apparatus advisable in circumstances where product is heated above 80 °C and emitting vapours.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless Viscous liquid
ODOUR	Slight odour
SOLUBILITY	Insoluble in water Soluble in Toluene / Xylene
BOILING POINT	> 200 °C @ 760 mmHg
RELATIVE DENSITY	0.94 @ 20 °C
VISCOSITY	1920 cSt @ 20 °C
VAPOUR PRESSURE	<0.1 hPa @ 20 °C
REFRACTIVE INDEX	1.513 – 1.518

10. STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

HAZARDOUS DECOMPOSITION PRODUCTS

During fire, toxic gases (CO, CO₂, flammable hydrocarbons) may be formed.

11. TOXICOLOGICAL INFORMATION

TOXIC DOSE

Oral	LD50, rat	> 10,000 mg / kg	Practically non-toxic following oral administration
Dermal	LD50, rabbit	> 2,000 mg / kg	No more than slightly toxic
Inhalation	LC50, rat	> 4.7mg / L	The highest achievable concentration in this study

INHALATION

Not thought to be harmful by inhalation.

Vapours given off if heated above ~80 °C may be harmful if inhaled.

INGESTION

Not thought to be harmful if ingested.

SKIN CONTACT

Not thought to cause skin irritation.

EYE CONTACT

Transient contact may cause irritation to the eyes.

Vapours given off if heated above ~80 °C may be irritating to the eyes.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

	96h, LC50	EC50 / LC50
Daphnia magna	> 1000 mg / L	*
Rainbow Trout	> 1000 mg / L	*
Fathead Minnow	> 1000 mg / L	*
Algae (<i>Selenastrum capricornutum</i>)	44 mg / L	*
	56 mg / L	*

* *Greater than water solubility*

BIOACCUMULATION

This product is not expected to bio-accumulate through food-chains and the environment.

DEGRADABILITY

The product is not readily biodegradable due largely to its low water solubility.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION

RISK PHRASES

R53 May cause long-term adverse effects in the aquatic environment

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes
 S27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water
 S36/39 Wear suitable protective clothing and eye/face protection
 S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
 S61 Avoid release to the environment. Refer to special instructions/safety data sheet

STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION COMMENTS

New Product
 New Document

REVISION DATE

07-2009

REV. NO./REPL. SDS GENERATED

1 / New MSDS

RISK PHRASES IN FULL

R53 May cause long-term adverse effects in the aquatic environment