



**SKIN CONTACT**

Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if discomfort occurs.

**EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

### 5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**SPILL CLEAN UP METHODS**

Absorb in vermiculite, dry sand or earth and place into containers. Wash spillage site with water.

### 7. HANDLING & STORAGE

**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a cool, dry well-ventilated place.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
SODIUM AZIDE	WEL		0.1 mg/m <sup>3</sup> (DEN)		0.3 mg/m <sup>3</sup> (UK)
SODIUM 5,5-DIETHYL BARBITURATE	WEL	None assigned		None assigned	

WEL – Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****HAND PROTECTION**

For prolonged or repeated skin contact use suitable 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, tight fitting safety glasses where splashing is probable.

**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 Liquid
ODOUR	No characteristic odour.
SOLUBILITY	Soluble in water
BOILING POINT	~ 101°C @ 760 mm Hg
RELATIVE DENSITY	~ 1.08 - 1.10 @ 20°C

**10. STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**11. TOXICOLOGICAL INFORMATION**

This product contains Sodium 5,5-diethylbarbiturate (Sodium Barbitol, Sodium Barbitone). Symptoms of toxicity include sedation, hypnosis and coma, depending on the amount swallowed. Long-term exposure effects may be damaging and carcinogenic. Prolonged or repeated exposure can lead to habituation.

**INHALATION**

No specific health warnings noted.

**INGESTION**

May be harmful if swallowed.

**SKIN CONTACT**

Prolonged or repeated exposure may cause irritation.

**EYE CONTACT**

Prolonged contact may cause transient eye irritation.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY**

Not regarded as dangerous for the environment.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

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

**14. TRANSPORT INFORMATION**

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

**15. REGULATORY INFORMATION****LABELLING**

Harmful

**RISK PHRASES**

R22

Harmful if swallowed

**SAFETY PHRASES**

S46

If swallowed, seek medical advice immediately and show this container or label

**STATUTORY INSTRUMENTS**

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

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

**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**

Constituent levels - R & S phrases reassessed.

**REVISION DATE**

10-2008

**REV. NO./REPL. SDS GENERATED**

3 / 09-2006

**RISK PHRASES IN FULL**

R22	Harmful if swallowed
R28	Very toxic if swallowed
R32	Contact with acids liberates very toxic gas
R34	Causes burns
R37	Irritating to respiratory system
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment