

# SAFETY DATA SHEET

## PRODUCT AND COMPANY IDENTIFICATION:

### Kemsol WHITE CHLOR

A granular chlorine bleach.

### CHEMICAL SOLUTIONS LTD

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After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

SDS EFFECTIVE DATE:

SDS PRINT DATE: 5 December 2008

## HAZARD IDENTIFICATION:

Hazardous Substances (HSNO) Act 1996 and Classification Regulations 2001 for the product of this concentration:

- |   |  |
|---|--|
| 5.1.1B May intensify fire; oxidiser.              | 9.1A Very toxic to aquatic life.       |
| 6.1D Harmful if swallowed or skin contact occurs. | 9.2A Toxic to the soil environment     |
| 6.3A Causes skin irritation.                      | 9.3B Toxic to terrestrial vertebrates. |
| 6.4A Causes eye irritation.                       |  |

Cleaning Products Oxidising 5.1.1B Group Standard 2006 HSR No. 2590.

## COMPOSITION & INFORMATION ON INGREDIENTS:

Sodium dichloroisocyanurate (SDIC) (CAS#2893-78-9)	750 g per kg
Free available chlorine	450 g per kg
Builders	25 %

## FIRST AID MEASURES:

Contact with eyes: Rinse eyes with running water holding back eyelids for 15 minutes. If irritation persists, seek medical advice.  
Contact with skin: Wash affected area with copious volumes of water. If clothing is contaminated, remove and wash the affected skin area. If irritation or swelling occurs, seek medical advice.  
After inhalation: If the patient is subject to a dust cloud, remove from exposure to a comfortable location and seek medical advice.  
After ingestion: Do Not Induce Vomiting. Administer 2 glasses of water or milk and if discomfort persists seek medical advice.  
Advice to Doctor: Treat patient for acute exposure to materials with toxic effects. Have this SDS or a product label on hand.

## FIRE FIGHTING MEASURES:

Exposed to heat or fire this material will increase the fire intensity but not burn independently.  
Containers subject to heat from a fire may explode scattering burning contents. Where possible remove containers from the path of the fire.  
Otherwise cool with water spray to avoid heating.  
Avoid contact with other combustible materials eg wood, oil, paper.  
Firefighters wear SCBA and chemical resistant suits.  
Use foam, CO<sub>2</sub>, dry chemical powder, or BCF to extinguish a fire in the vicinity. Water spray or fog on large scale fires only.

## ACCIDENTAL RELEASE MEASURES:

Prevent any large spills from entering drains or water courses.  
Remove any spilt material from contact with organic, combustible materials such as wood, oil, or paper.  
Clear up all spilt material with shovels and brooms immediately and place it in secure containers with lids.  
If this contained material cannot be recovered for use, the containers must be disposed of through a recognised waste treatment expert.

## HANDLING AND STORAGE:

Store containers, with secure closures, in sites where they can be kept cool and away from heat and ignition sources.  
Storage in HSNO defined Hazardous Substance Locations is required for Class 5.1.1B products where greater than 50 kg is stored for use, and in Transit Depots for greater than 500 kg.  
Do not store with flammable or combustible materials. Keep away from organic material such as wood, oils, and paper.  
Handle to prevent damage to containers and avoid producing dust. If necessary repack into clean and dry original containers or only into new plastic containers with sealable lids. Do not use metal containers for storage.  
After use return to safe storage as soon as possible.

**EXPOSURE CONTROLS & PERSONAL PROTECTION:**

Exposure controls:	No data is available for Kemsol White Chlor. WES for chlorine TVL-TWA 1.5mg/cu m. STEL 2.9 mg/cu m.
Eye protection:	Safety glasses.
Protective clothing:	Wear safety gloves and overalls, apron, or protective clothing (apron or overalls).
Respiratory protection:	Should the operator be subject to dust in the routine handling of this product, a mouth and nose filter guard should be used. If subject to regular dust clouds a respirator should be used.
Ventilation:	Where an operator is subject to dusty conditions, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

**PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance	Fine granular powder
Odour	Characteristic
pH	approx 7 for 1% soln
Flash Point	Not applicable
Ignition Point	Not applicable
Specific Gravity	Not applicable
Refractive Index	Not applicable
Viscosity	Not applicable
Relative Foam	Not applicable
Solubility in water	Completely with evolution of chlorine.

**STABILITY AND REACTIVITY:**

Kemsol White Chlor is considered stable under normal handling conditions. Avoid exposure to heat, moisture, or water. Avoid the presence of flammable, and chemical reducing materials in the vicinity. Hazardous polymerisation will not occur. Combustion will release irritating and dangerous fumes. Solution in water releases objectionable chlorinated compounds.

**TOXICOLOGICAL INFORMATION:**

No data is available for Kemsol White Chlor. SDIC: LD50 Rat 735 mg/kg

**ECOLOGICAL INFORMATION:**

No data is available for Kemsol White Chlor. SDIC: LC50 (freshwater fish) 0.13mg/l 96 hr.

**DISPOSAL CONSIDERATIONS:**

Dispose of in accordance with local regulations by recognised waste disposal experts. Landfill or incineration is the preferred method. Spilled powders should be recovered by broom and shovel into open ended drums which can be closed prior to disposal. Used containers should be rinsed, not recycled, but disposed of in landfill or incinerated.

**TRANSPORT INFORMATION:**

NZ Land Transport Rule 2005	Classified as Dangerous Goods for Land Transport
UN Number	2465
Dangerous Goods Class	5.1
Proper Shipping Name	Dichloroisocyanurate acid dry, and salts
Hazchem Code	1W
Packing Group	II

**NZ REGULATORY INFORMATION:**

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**OTHER INFORMATION:**

Formula reference and version number: Version 1.  
 This SDS was prepared from data available on 5 August 2008.  
 This SDS was printed on 5 December 2008.  
 This SDS will be reviewed no later than 5 August 2013.

**END OF THIS SAFETY DATA SHEET**