

Material Safety Data Sheet

Magnesium Chloride Hexahydrate, 99%

ACC# 96221

Section 1 - Chemical Product and Company Identification

MSDS Name: Magnesium Chloride Hexahydrate, 99%

Catalog Numbers: AC197530000, AC197530010, AC197530050

Synonyms: Dus-Top; Mangogene.

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Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Solid

Appearance: white to gray white

Odor: none reported

pH: 7.0 (Solution)

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate:Not available.

Viscosity: Not available.

Boiling Point: 1412 deg C

Freezing/Melting Point:118 deg C

Decomposition Temperature:100 deg C

Solubility: Soluble in water and alcohol

Specific Gravity/Density:1.569

Molecular Formula:MgCl₂.6H₂O

Molecular Weight:203.2914

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Dust generation, heating to decomposition, exposure to moist air or water.

Incompatibilities with Other Materials: Oxidizing agents, 2-furan + percarboxylic acid.

Hazardous Decomposition Products: Hydrogen chloride, chlorine.

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

RTECS#:

UN/NA: 186
CAS#: 7791-18-6: OM2975000

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OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 7791-18-6 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 7791-18-6: 0

Canada - DSL/NDSL

None of the chemicals in this product are listed on the DSL or NDSL list. Canada - WHMIS

This product has a WHMIS classification of D2B.

Canadian Ingredient Disclosure List

Section 16 - Additional Information
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MSDS Creation Date: 7/09/1998

Revision #4 Date: 2/03/2003

The information above is believed to be accurate an