

MATERIAL SAFETY DATA SHEET

SECTION 4 FIRST AID MEASURES

First Aid Measures

Inhalation : none

Ingestion : If swallowed, do not include vomiting. Get Immediately medical attention.

Eye : flush eyes with plenty of water.

Skin : wash exposed skin with soap and water.

Note to Physicians none

SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures

Extinguishing Media : water spray, foam, dry powders, CO2

Unsuitable Extinguishing Media : water

Special Fire Fighting Procedures : recommended action : cool endangered containers with water

Unusual Fire and Explosion Hazards : not explosive limit at normal temperatures

Fire and Explosive Properties : (See section 9 also)

Combustion Products : none

Other Properties : none

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions : do not smoke

Environmental Precautions : keep out of sewers, drain and surface waters

Method for Cleaning Up : take up mechanically or using material for absorbing liquids and remove as prescribed

SECTION 7 HANDLING STORAGE

Handling : Avoid dust formation.

Storage : Store at room temperature (+ 25°C)

Specific Uses : none

Date of issue : 11.08.2013

Revised Date : 23.08.2011

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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines : not required

Engineering Controls : not required

Personal Protection Equipment(s) :

Respiratory Protection : --- required not required

Eye/Face Protection : --- required not required

Skin Protection : --- required not required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : white

Odor : odorless

pH : not determined

Boiling Point/Range (°C) : not determined

Melting Point/Range (°C) : not determined

Decomposition Temperature (°C) : not determined

Flash Point : abt. + 200 °C

Flammable (Explosive) Limits : not determined

Autoignition Temperature : not determined

Flammability : not determined

Explosive Properties : not determined

Oxidizing Properties : not determined

Vapor Pressure (+20°C) : 0,1 Pa

Vapor Density (+20°C) : 0,945g/cm³

Specific Gravity : 0,918g/cm³

Water Solubility : unsoluble

Fat Solubility : not determined

Partition Coefficient (n-Octanol/Water) : not determined

Percent Volatile : not determined

Evaporation Rate : 0,3% at 16h/70°C

Viscosity (mPa s) : 2.250

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SECTION 10 STABILITY AND REACTIVITY

Stability : Stable Unstable

Conditions to Avoid : none

Materials to Avoid : none, if handled and stored as prescribed

Hazardous Decomposition Products : none, if handled and stored as prescribed

Hazardous Polymerization : May Occur Will not Occur

Conditions to Avoid : none

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity :

Inhalation : Testing not conducted

Ingestion : Testing not conducted

Eye : Testing not conducted

Skin : Testing not conducted

Sensitization : Testing not conducted

Mutagenicity : Testing not conducted

Reproductive Toxicity : Testing not conducted

Carcinogenicity : Testing not conducted

Others : none

SECTION 12 ECOLOGICAL INFORMATION

Mobility : Testing not conducted

Persistence / Degradability : Testing not conducted

Bioaccumulation : Testing not conducted

Ecotoxicity : Testing not conducted

Other Adverse Effects : none

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SECTION 13 Disposal Consideration

Method of Disposal : Disposal must be in accordance with applicable federal, state, or local regulations.

SECTION 14 TRANSPORT INFORMATION

UN : not determined
 UN Shipping Name : not determined
 UN Classification : not determined
 UN Packing Group : not determined

Marine Pollutant : -- Yes No Chemical Name (wt %)
 Special Precautions : none

SECTION 15 REGULATORY INFORMATION

EU Information :

Information on the Label :

Symbol & Indication : none
 R- Phrase : none
 P-Phrase : none
 Dangerous Component(s) : none
 Special Precautions under
 67/548/EEC Article 8 and 13
 or 1999/45EC Annex V : none

Specific Provisions in Relation to Protection of Man or the Environment :

76/769/EEC : none
 (EC)2037/2000 : none
 (EC)304/2003 : none
 Others : none

USA Information :

Information on the Label :

Signal Word : none
 Hazard Warning : none
 Safety Advice : none
 Hazardous Component(s) : none
 SARA Title, 313 : none
 Chemical Name : None Wt %

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California Proposition 65 :

Chemical Name : none

Wt % :

SECTION 16 OTHER INFORMATION

Other Information :

none

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Literature Reference :

none

Abbreviations :

EU : European Union

OSHA PEL : (Permissible Exposure Limit) under Occupational Safety and Health Administration

ACGIH TLV : (Threshold Limit Value) under American Conference of Governmental Industrial Hygienists

EU ILV : Indicative Values for Occupational Exposure under EU Directive 91/322/EEC and 2000/39/EC

DFG MAK : (Maximale Arbeitsplatzkonzentrationen unter Deutsche Forschungsgemeinschaft

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