

# MATERIAL SAFETY DATA SHEET

## SaniCarrier

### 1 PRODUCT IDENTIFICATION

Product name	SaniCarrier
Chemical name of active Ingredient(s)	Glycol White Oils Synergists
Company identification	SaniChem CC P.O Box 16622 Dowerglen 1612
Emergency telephone	+ 27 016 987 7777

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	1,2 Propanediol
Formula	CH <sub>3</sub> CH(OH)CH <sub>2</sub> OH
Chemical Family	Glycols
Synonyms	1,2 Dihydroxypropane; Methylethylene Glycol. Trimethyl Glycol 1,2 Propylene Glycol
Un No	Hazchem Code
ERG No	171 EAC

### 3 HAZARDS IDENTIFICATION

Hazardous Components	Glycol > 89,5%
Human health hazards	Not regulated May cause minor irritation to the eyes

### 4 FIRST AID MEASURES

Inhalation	Remove victim to fresh air. Get medical attention.
Ingestion	Contact immediately a physician.
Skin contact	Flush thoroughly with water and wash affected area with soap and water. Remove contaminated clothing and wash prior to re-use.

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In case of burns, immediately cool skin as long as possible with cold water.

Obtain medical attention if irritation persists.

Eye contact

Immediately hold eyelids open and flush with a gently stream of water for 15 minutes. Obtain medical attention.

## 5 FIRE-FIGHTING MEASURES

Flash Point

~ 109 Deg C. Slightly Combustible. Heat can generate Flammable Vapour.

Small Fires

Foam, dry chemical or carbon dioxide

Large fire

Water spray, fog or regular foam

Special fire-fighting

Move container from fire area if you can do it without risk. Cool containers that are exposed to flames with water from the sides until well after the fire is out. Stay away from ends of the tanks.

For massive fire in cargo areas, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from the area and let fire burn.

Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

Evacuate non-essential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion.

Contain runoff to prevent contamination of any bodies of water.

Prevent use of contaminated buildings, area and equipment until decontaminated

Protection of fire fighters

Wear suitable protective clothing. Self-contained breathing apparatus

If tank, rail car or tank truck is involved in fire, isolate for 1 kilometre in all directions.

## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid ingestion, do not eat, drink, smoke or apply cosmetics in areas where there is a potential for exposure to this material.

Wash thoroughly after handling.

Avoid eye contact.

Avoid skin contact,

Breathing apparatus for fire only.

Remove source of heat and flame.

Environmental precautions

Notify occupational and environmental authorities.

Spill or Leak

Shut off ignition sources; no flares, smoking or flames in hazard

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area. Stop leak if you can do it without risk. Water spray may reduce vapor; but it may not prevent ignition in closed spaces.

Small Spills

Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Large Spills

Dike far ahead of liquid spill for later disposal.

## 7 HANDLING AND STORAGE

Handling

Avoid contact with eyes, skin or clothing and do not breathe spray mist or fumes. Do not eat, drink, smoke or apply cosmetics in areas where there is a possibility of exposure to this material. Always wash thoroughly after handling. Remove contaminated clothing and wash it before wearing again. If spilled, clean up promptly. Keep container closed when not in use.

Storage

Store the product in the original, closed containers in a well-ventilated, cool, dry, secure area set aside for pesticides. Do not store food, beverages or tobacco in the same area. Prevent product from freezing. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Packaging materials

Steel Drums

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits NA

Controls

The control measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Use a non-sparking, grounded ventilation system separate from other exhaust ventilation systems. Exhaust directly to the outside. Supply sufficient replacement air to make up for air removed. Have a safety shower/eye wash fountain readily available in the immediate work area.

Personal Protection

If engineering controls and work practices are not effective in controlling this material, then wear suitable personal protection equipment, including chemical safety goggles & face shield, boots, imperious gloves, coveralls, & respiratory protection. Have appropriate equipment available for use in emergencies.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Colourless liquid with little or no odour

Specific Gravity 1.04 @ 25oC

Flash Point 109 oC Boiling Point: 188 oC

Autoignition 371 oC pH ~ 7.0

Completely soluble in water

## 10 STABILITY AND REACTIVITY OF CONCENTRATE

Conditions to Avoid High temperatures, oxidizing conditions.

Incompatible Materials Strong oxidizing agents.

Other Material is stable when stored and handled correctly. Decomposition product - carbon monoxide and other toxic vapors.

## 11 TOXICOLOGICAL INFORMATION

LD50 (oral) Rat 20 g/kg

LD50 (skin) Rabbit 20.8 mg/kg

## 12 ECOLOGICAL INFORMATION

No ecological problems are expected when the product is handled and used with due care.

## 13 DISPOSAL CONSIDERATIONS

Disposal Method Product There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

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Disposal Method

Packaging

Disposal in accordance with local legal provisions.

## 14 TRANSPORT INFORMATION

ERG No 171 EAC

IMDG-Shipping Name NOT CONTROLLED SUBSTANCE

Marine Pollutant No

Class Class: 9 Miscellaneous Group: III

Subsidiary Risks None

Tremcard Number

## 15 REGULATORY INFORMATION

EEC Hazard Classification 9

Risk Phases NA

Safety Phases NA

National Legislation

## 16 OTHER INFORMATION

Reason for Alteration: General update.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properness of the product.

All information is given in good faith but without guarantee in respect of accuracy & no responsibility is accepted for errors or omissions or the consequences thereof.