

Valudor Products

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Sodium Glucoheptonate 50% Solution
Supplier	Valudor Products, LLC 179 Calle Magdalena Suite 100 Encinitas, CA 92024
Telephone	760-635-8500
Emergency Telephone	800 535 5053

SECTION 2: HAZARD IDENTIFICATION

This product is not considered hazardous under the OSHA 29 CFR 1910.1200 Hazard Communication Standard.

GHS hazard pictogram

No pictogram

Signal word

No signal word

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Sodium Glucoheptanate	31138-65-5	45-55%
Water		45-55%

SECTION 4: FIRST AID MEASURES

Skin	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention.
Eyes	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Inhalation	Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by

trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Obtain medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion

Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Obtain medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

SECTION 5: FIRE-FIGHTING MEASURES

Special exposure hazard

No specific hazard.

Suitable Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.
SMALL FIRE: Use dry chemical or CO₂.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Protection for Fire Fighters

Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Thermal Decomposition Products

These products are carbon oxides (CO, CO₂). Some metallic oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.

Environmental Precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Methods of Cleaning Up

If emergency personnel are unavailable, contain spilt material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and

place in a sealable, liquid-proof container for disposal. For large spills, dyke spilt material or otherwise contain material to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE:

Handling:	Wash thoroughly after handling.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.
Recommended Packaging	Use original container.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION INFORMATION

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location
Work Hygienic Practices	Wash hands after handling compounds and before eating, smoking and using the lavatory and at the end of the day.
Eye Protection	Safety Glasses.
Skin Protection	Lab Coat

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Amber Dark
Odor	Slight
Physical State	Liquid
pH	8.5 to 9.5
Boiling Point	104°C (219°F)
Melting Point	-16°C (3°F)
Density	1.275 g/cm ³ (25°C / 77°F)
Solubility	Easily soluble in cold water

SECTION 10: STABILITY AND REACTIVITY DATA

Stability	The product is stable.
Thermal Decomposition	These products are carbon oxides (CO, CO ₂). Some metallic oxides.
Materials to avoid	Reactive or incompatible with the following materials: oxidizing materials.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity	No data available
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SECTION 12: ECOLOGICAL INFORMATION

Toxicity	No data available
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SECTION 13: DISPOSAL INFORMATION

Methods of Disposal	The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
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SECTION 14: TRANSPORT INFORMATION

Land - road/railway (ADR/RID Classification)	Not classified as dangerous
Sea (IMO/IMDG Classification)	Not classified as dangerous

SECTION 15: REGULATORY INFORMATION

OSHA - Process Safety Management - Highly Hazardous Chemicals - Not Listed

OSHA - Specifically Regulated Chemicals - Not Listed

California - Proposition 65 - Not Listed

SECTION 16 OTHER INFORMATION

All information in this SDS was obtained from sources we believe are reliable. However, the information is provided without any warranty or representation, expressed or implied, regarding its accuracy.