

MATERIAL SAFETY DATA

The Euclid Chemical Company • Cleveland, Ohio 44110

FOR TRANSPORTATION & SAFETY EMERGENCIES CALL: 1-800-255-3924
INTERNATIONAL USERS CALL COLLECT: 1-813-248-0585

TRADE NAME
Eucon HC

CHEMICAL NAME
Carbohydrate Salts

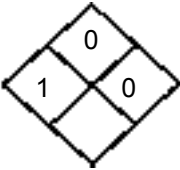
1. INGREDIENTS

MATERIAL	CAS #	%	ACGIH(TLV)	PEL
Sodium Glucoheptonate	31138-65-5	25 - 35		
Triethanolamine	102-71-6	5 - 15		

2. PHYSICAL DATA

APPEARANCE Staw colored liquid	ODOR Slight odor	MELTPOINT NA	SPECIFIC GRAVITY 1.17 +/- .01	
VAPOR DENSITY (AIR=1) NA	%VOLATILE BY WEIGHT 66 +/- 1.0	VOC 0 g/l	BULK DENSITY NA	BOILING POINT 216° F
VAPOR PRESSURE NA	%SOLUBILITY(H ₂ O) Complete	EVAPORATION RATE NA	PH 9.0 +/- 1.0	

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD NA	NFPA FIRE HAZARDS IDENTIFICATION SYSTEM 
FLAMMABLE LIMITS LEL NA UEL NA	
EXTINGUISHING MEDIA Non-Flammable	
SPECIAL FIRE FIGHTING PROCEDURES NA	
UNUSUAL FIRE AND EXPLOSION HAZARDS NA	

4. PHYSIOLOGICAL EFFECTS

LD50 ORAL (INGESTION)	LD50 DERMAL (SKIN CONTACT)	LC50 (INHALATION)
PRIMARY ROUTE OF EXPOSURE Skin, Ingestion	THRESHOLD LIMIT VALUE (TLV)	

EFFECTS OF OVEREXPOSURE

Inhalation: No information found to suggest any toxicity

Eye: Prolonged contact to the concentrated material may be injurious to the eyes.

Skin: Prolonged contact to the concentrated material may be irritating to the skin.

Ingestion: No information found to suggest any toxicity



WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects and/ or other reproductive harm.

THE EUCLID CHEMICAL COMPANY
19218 REDWOOD RD
CLEVELAND, OHIO 44110
1-800-321-7628 OR 216-531-9222

NE - NOT ESTABLISHED
NA - NOT APPLICABLE

5. EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Move to fresh air. If illness or irritation occurs, call a Physician or Poison Control center immediately.
SKIN: Wash area twice with soap and water. If pain, irritation or burning persists, call a Physician or Poison Control Center immediately. Remove contaminated clothing and wash before re-use.
EYES: Rinse eyes with water for at least 15 minutes, lifting eye lid occasionally. If pain, irritation or burning persists, seek medical attention.
INGESTION: Seek immediate medical attention.

6. U.S. D.O.T. SHIPPING DESCRIPTION

Not Regulated

7. SPECIAL PROTECTION INFORMATION

VENTILATION
Adequate fresh air.

RESPIRATORY
None

EYE PROTECTION
Safety glasses or splash goggles. Eye wash stations should be readily accessible.

PROTECTIVE GLOVES Rubber or Synthetic	OTHER
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All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

8. CHEMICAL REACTIVITY

CONDITIONS CAUSING INSTABILITY
Stable

INCOMPATIBILITY (MATERIALS TO AVOID)
NA

HAZARDOUS DECOMPOSITION PRODUCTS
NA

SPECIAL SENSITIVITY
None

9. STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Avoid freezing. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Keep out of reach of children.

10. SPILL, LEAK, AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED
Use a vacuum truck or absorbent material (kitty litter, sand, soil, etc.) If absorbent is used place waste in the appropriate container for disposal. Wash away any residue with water.

WASTE DISPOSAL METHOD
Dispose of in accordance with all federal, state, and local laws and regulations.

PREPARED BY Rich Mikol

DATE 01/01/04

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Eucon HC

TELEPHONE NUMBER 216-531-9222

SUPERSEDES MSDS DATED
8/11/03

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.