

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-904/9049-05-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9049-05-2
Code:
M

RTECS:
F10705000
Code:
M

Name:
CARRAGEENAN,CALCIUM SALT/ALGIN GUM

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE SHOULD BE NEEDED.

Ventilation:
ADEQUATE

Protective Gloves:
LATEX FOR REPEATED/PROLONGED CONTACT

Eye Protection:
SAFETY GLASSES/GOGGLES IF SPRAYING

Other Protective Equipment:
Equipment EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices:
OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL, RAT) IS NOT KNOWN.

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
TARGET ORGANS:EYE AND GASTROINTESTINAL TRACT. ACUTE- EYE CONTACT MAY CAUSE IRRITATION. NO HAZARD BY SKIN CONTACT. INHALATION IS UNLIKELY TO OCCUR AT ROOM TEMPERATURES. INGESTION MAY CAUSE UPSET STOMAC H. CHRONIC- UNKNOWN. 2

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
IRRITATION, NAUSEA, VOMITING

Medical Cond Aggravated By Exposure:
UNKNOWN

First Aid:
CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:FLUSH WITH LARGE AMOUNT OF WATER. INHALED:UNLIKELY. ORAL:IF CONSCIOUS, INDUCE VOMITING. DRI NK CITRUS JUICE AND WATER. CALL A PHYSICIAN. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

Spill Release Procedures:
WEAR PROTECTIVE EQUIPMENT. ABSORB ON SAND, VERMICULITE OR SIMILAR MATERIAL. SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED SPILL AREA WITH DETERGENT AND WATER.

Neutralizing Agent:
NOT RELEVANT

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACT WITH A LICENSED WASTE DISPOSAL FACILITY.

Handling And Storage Precautions:
STORE AWAY FROM OXIDIZING AGENTS. AVOID EXPOSURE TO HEAT AND SUNLIGHT. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:
WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
NOT RELEVANT

Upper Limits:
NOT RELEVANT

Extinguishing Media:
WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:
WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
NONE 3

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>212F,>100C

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
>1.0

VOC Pounds/Gallon:

PH: 7.5

VOC Grams/Liter:

Viscosity:
UNKNOWN

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
UNKNOWN

Appearance and Odor:
VISCIOUS DARK LIQUID

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT, DIRECT SUNLIGHT

Materials To Avoid:
OXIDIZING AGENTS

Hazardous Decomposition Products:
CARBON MONOXIDE, CARBON DIOXIDE 4

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Informaion: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P