

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-684/68412-54-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

68412-54-4

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

DETERGENT MIL-D-16791 Environmental Wt: Other R

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE IN WELL VENTILATED ROOM.

**Ventilation:**

GENERAL VENTILATION.

**Protective Gloves:**

NOT NECESSARY. 3

**Eye Protection:**

GOGGLES.

**Other Protective Equipment:**

Equipment NONE

**Work Hygienic Practices:**

N/P

**Supplemental Safety and Health:**

NONE

## Health Hazards Data

**LD50/LC50 Mixture:**

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

YES: IRRITATION, SKIN: IRRITATION. INHALATION: BREATHING EXCESSIVE AMOUNT OF PRODUCT CAN CAUSE NASAL & RESPIRATORY IRRITATION & CENTRAL NERVOUS SYSTEM EFFECTS.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

SKIN: MILD IRRITATION. INHALATION: DIZZINESS, WEAKNESS.

**Medical Cond Aggravated By Exposure:**

2 NONE KNOWN.

**First Aid:**

YES: FLUSH WITH WATER, CALL A DOCTOR. SKIN: FLUSH WITH WATER. INGESTION: INDUCE VOMITING, CALL DOCTOR. INHALATION: BREATH FRESH AIR.

**Spill Release Procedures:**

DILUTE WITH WATER AND REGULAR SEWERAGE DISPOSAL.

**Neutralizing Agent:**

WATER.

**Waste Disposal Methods:**

DILUTE WITH LOTS OF WATER AND DISPOSE OF IN REGULAR DRAIN.

**Handling And Storage Precautions:**

AVOID OPEN FLAMES.

**Other Precautions:**

AVOID EXCESSIVE INHALATION AND DIRECT CONTACT WITH EYES.

## Fire and Explosion Hazard Information

**Flash Point Method:**

PMCC

**Flash Point:**

>22.8C, 73.F

**Flash Point Text:**

N/A

**Autoignition Temp:**

N/K

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

N/P

**Fire Fighting Procedures:**

N/P

**Unusual Fire/Explosion Hazard:**

N/P

## Physical/Chemical Properties

**HCC:**

F3

**NRC/State LIC No:**

N/R

**Net Prop WT For Ammo:**

N/A

**Boiling Point:**

=78.0C, 174.F

**B.P. Text:**

N/A

**Melt / Freeze Pt:**

=-6.7C, 20.F

**M.P./F.P. Text:**

N/A

**Decomp Temp:**

N/A

**Decomp Text:**

UNKNOWN

**Vapor Pres:**

NONE

**Vapor Density:**

1.3 (ATR=1

**Volatile Org Content %:**

NONE

**Spec Gravity:**

0.90

**VOC Pounds/Gallon:**

N/A

**PH:**

6.0

**VOC Grams/Liter:**

N/A

**Viscosity:**

LIKE WATER

**Evaporation Rate & Reference:**

0.81 N-BUTYL ACETATE

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

WATER WHITE LIQUID, ALCOHOL ODOR.

**Percent Volatiles by Volume:**

NONE

**Corrosion Rate:**

NONE

**Materials To Avoid:**

UNKNOWN

**Hazardous Decomposition Products:**

NONE SPECIFIED BY MANUFACTURER.

**Hazardous Polymerization Indicator:**

N/A

**Conditions To Avoid Polymerization:**

WILL NOT OCCUR.

## Toxicological Information

**Information:**

N/P

## MSDS Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

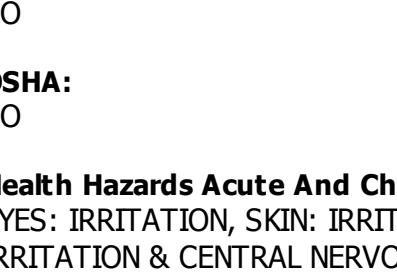
**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P



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