

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-865/86508-42-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
86508-42-1

Code:
M

RTECS:

Code:
X

Name:
PERFLUORO COMPOUNDS, (PRIMARILY COMPOUNDS WITH 6

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT RELEVANT

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT RELEVANT

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
AVOID BREATHING OF THERMAL DECOMPOSITION PRODUCTS. SELECT NIOSH APPROVED RESPIRATORS BASED ON AIRBORNE CONCENTRATION OF CONTAMINATES & IN ACCORDANCE WITH OSHA REGULATIONS: HALF-MASK SUPPLIED AIR RESPIRATOR, FULL-FACE SUPPLIED AIR RESPIRATOR.

Ventilation:
USE LOCAL EXHAUST REQUIRED TO MAINTAIN EXPOSURE TO DECOMPOSITION PRODUCTS BELOW THEIR EXPOSURE GUIDELINES. 4

Protective Gloves:
GLOVES ARE NOT REQUIRED.

Eye Protection:
WEAR SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:
Equipment NO DATA PROVIDED BY RESPONSIBLE PARTY

Work Hygienic Practices:
FOLLOW GOOD INDUSTRIAL HYGIENE PRACTICES.

Supplemental Safety and Health:
FIRE FIGHTING PROCEDURES CONTINUED:NO UNUSUAL EFFECTS ARE ANTICIPATED DURING FIRE EXTINGUISHING OPERATIONS. AVOID BREATHING PRODUCTS AND SUBSTANCES THAT MAY RESULT FROM THE THERMAL DECOMPOSITION OF PR ODUCT OR OTHER SUBSTANCES IN THE FIRE ZONE.KEEP CONTAINERS COOL WITH WATER SPRAY WHEN EXPOSED TO FIRE TO PREVENT RUPTURE

Health Hazards Data

LD50LC50Mixture:
NO DATA PROVIDED BY RESPONSIBLE PARTY 2

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
EYE:CONTACT WITH EYE OR SKIN IS NOT EXPECTED TO RESULT IN SIGNIFICANT IRRITATION. SKIN:CONTACT WITH EYE OR SKIN IS NOT EXPECTED TO RESULT IN SIGNIFICANT IRRITATION. INHALED:HEALTH EFFECTS NOT EXPECTED UNLESS PRODUCT IS OVERHEATED AND DECOMPOSITION OCCURS. INGESTION: NOT A LIKELY ROUTE OF EXPOSURE. IF PRODUCT IS EXPOSED TO EXTREME CONDITIONS OF HEAT FROM MISUSE OR EQUIPMENT FAILURE, TOXIC DECOMPOSITION PRODUCTS THAT INCLUDE HYDROGEN FLUORIDE AND PERFLUOROISOBUTYLENE CAN OCCUR.

Explanation Of Carcinogenicity:
NO DATA PROVIDED BY RESPONSIBLE PARTY

Signs And Symptoms Of Overexposure:
EYE:CONTACT WITH EYE OR SKIN IS NOT EXPECTED TO RESULT IN SIGNIFICANT IRRITATION. SKIN:CONTACT WITH EYE OR SKIN IS NOT EXPECTED TO RESULT IN SIGNIFICANT IRRITATION. INHALED:HEALTH EFFECTS NOT EXPECTED UNLESS PRODUCT IS OVERHEATED AND DECOMPOSITION OCCURS. INGESTION: NOT A LIKELY ROUTE OF EXPOSURE.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION: IF SIGNS/SYMPTOMS OCCUR, REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL A PHYSICIAN. INGESTED: NO NEED FOR FIRST AID IS ANTICIPATED.

Spill Release Procedures:
OBSERVE PRECAUTIONS FORM OTHER SECTIONS. IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICE, PROVIDE EXHAUST VENTILATION FOR LARGE SPILLS OR IN CONFINED SPACES. COLLECT SPILLED MATERIALS WITH AN ABORBENT. PLACE IN AN APPROVED CONTAINER.

Neutralizing Agent:
NO DATA PROVIDED BY RESPONSIBLE PARTY

Waste Disposal Methods:
AS A DISPOSAL ALTERNATIVE, INCINERATE IN THE PRESENCE OF A COMBUSTIBLE MATERIAL IN AN INDUSTRIAL OR COMMERCIAL FACILITY CAPABLE OF HANDLING HALOGENATED WASTES. RECLAIM IF FEASIBLE. FOR INFORMATION ON PRODUCT RETURN, CONTACT YOUR DISTRIBUTOR. 3

Handling And Storage Precautions:
STORE UNDER NORMAL WAREHOUSE CONDITIONS.

Other Precautions:
NO SMOKING; SMOKING WHILE USING THIS PRODUCT CAN RESULT IN CONTAMINATION OF THE TOBACCO AND OR SMOKE AND LEAD TO THE FORMATION OF HAZARDOUS DECOMPOSITION PRODUCTS MENTIONED IN THE REACTIVITY SECTION OF THIS MSDS.

Fire and Explosion Hazard Information

Flash Point Method:
SCC

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
NONE

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
NON-FLAMMABLE. HMIS:USE APPROPRIATE FIRE EXTINGUISHING MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:
WHEN FIRE FIGHTING CONDITIONS ARE SEVERE & TOTAL THERMAL DECOMPOSITION POSSIBLE, WEAR FULL PROTECTIVE CLOTHING INCLUDING HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS, BUNKER COAT & PANTS, BANDS AROUND ARMS, WAIST & LEGS, FACE MASK & PROTECTIVE COVERING FOR EXPOSED AREAS OF THE HEAD.

Unusual Fire/Explosion Hazard:
EXPOSURE TO EXTREME HEAT CAN GIVE RISE TO THERMAL DECOMPOSITION. SEE SECTION 8, HEALTH HAZARD DATA. NO UNUSUAL EFFECTS ARE ANTICIPATED DURING FIRE EXTINGUISHING OPERATIONS.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:
>50.C, 122.F

B.P. Text:
50-60C

Melt/Freeze Pt:

M.P/F.P Text:
N/P

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
232 MM HG (TYPICAL)

Vapor Density:
11.7

Volatile Org Content %:

Spec Gravity:
1.7 WATER=1

VOC Pounds/Gallon:

PH: NA

VOC Grams/Liter:

Viscosity:
0.42 CS @20C

Evaporation Rate & Reference:
>1.0, BUTYL ACETATE=1 5

Solubility in Water:
NIL

Appearance and Odor:
COLORLESS, AND ODORLESS LIQUID

Percent Volatiles by Volume:
100

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
SEVERELY OVERHEATING.

Materials To Avoid:
FINELY DIVIDED ACTIVE METALS, ALKALI ALKALINE EARTH METALS.

Hazardous Decomposition Products:
TOXIC DECOMPOSITION PRODUCTS INCLUDING HYDROGEN FLUORIDE PERFLUOROISOBUTYLENE CAN OCCUR.

Hazardous Polymerization Indicator:
NO

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