

Freund's Incomplete Adjuvant
Safety Data Sheet
Revision Date: 11/20/2019

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 08/31/2009

SAFETY DATA SHEET

Freund's Incomplete Adjuvant

Emergency Telephone Number:
Chemtrec (800) 424-9300

Information Telephone Number:
(800) 656-7625

SECTION 1:-----CHEMICAL IDENTIFICATION-----

NAME: FREUND'S INCOMPLETE ADJUVANT

SECTION 2:-----COMPOSITION/INFORMATION ON INGREDIENTS-----

SUBSTANCE NAME	CAS #
FREUND'S INCOMPLETE ADJUVANT	N/A

SECTION 3:-----HAZARDS IDENTIFICATION-----

HMIS RATING
HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0

NFPA RATING
HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0

FOR ADDITIONAL INFORMATION ON TOXICITY, PLEASE REFER TO SECTION 11.

SECTION 4:-----FIRST-AID MEASURES-----

ORAL EXPOSURE
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.
INHALATION EXPOSURE
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.
DERMAL EXPOSURE
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.
EYE EXPOSURE
IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

SECTION 5:-----FIRE FIGHTING MEASURES-----

FLASH POINT
N/A
AUTOIGNITION TEMP
N/A
FLAMMABILITY
N/A
EXTINGUISHING MEDIA
SUITABLE: CARBON DIOXIDE, DRY CHEMICAL POWDER, OR APPROPRIATE FOAM.
FIREFIGHTING
PROTECTIVE EQUIPMENT: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

SECTION 6:-----ACCIDENTAL RELEASE MEASURES-----

METHODS FOR CLEANING UP
ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

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SECTION 7:-----HANDLING AND STORAGE-----

HANDLING

USER EXPOSURE: AVOID INHALATION. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE.

STORAGE

SUITABLE: KEEP TIGHTLY CLOSED.

SECTION 8:-----EXPOSURE CONTROLS/PERSONAL PROTECTION-----

ENGINEERING CONTROLS

SAFETY SHOWER AND EYE BATH. MECHANICAL EXHAUST REQUIRED.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY: USE RESPIRATORS AND COMPONENTS TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR CEN (EU). RESPIRATORY PROTECTION IS NOT REQUIRED. WHERE PROTECTION IS DESIRED, USE MULTI-PURPOSE COMBINATION (US) OR TYPE ABEK (EN 14387) RESPIRATOR CARTRIDGES.

HAND: PROTECTIVE GLOVES.

EYE: CHEMICAL SAFETY GOGGLES.

GENERAL HYGIENE MEASURES:

WASH THOROUGHLY AFTER HANDLING.

SECTION 9:-----PHYSICAL AND CHEMICAL PROPERTIES-----

APPEARANCE PHYSICAL STATE: LIQUID YELLOW TO AMBER COLOR

PROPERTY VALUE AT TEMPERATURE OR PRESSURE

BP/BP RANGE N/A

MP/MP RANGE N/A

FREEZING POINT N/A

VAPOR PRESSURE N/A

VAPOR DENSITY N/A

SATURATED VAPOR CONC. N/A

SG/DENSITY <1

BULK DENSITY N/A

ODOR THRESHOLD N/A

VOLATILE% N/A

VOC CONTENT N/A

WATER CONTENT N/A

SOLVENT CONTENT N/A

EVAPORATION RATE N/A

VISCOSITY N/A

SURFACE TENSION N/A

PARTITION COEFFICIENT N/A

DECOMPOSITION TEMP. N/A

FLASH POINT N/A

EXPLOSION LIMITS N/A

FLAMMABILITY N/A

AUTOIGNITION TEMP N/A

REFRACTIVE INDEX N/A

OPTICAL ROTATION N/A

MISCELLANEOUS DATA N/A

SOLUBILITY IN WATER NOT SOLUBLE, FORMS EMULSION WHEN MIXED

N/A = NOT AVAILABLE

SECTION 10:-----STABILITY AND REACTIVITY -----

STABILITY – NO SPECIFIC DATA.

SECTION 11:-----TOXICOLOGICAL INFORMATION-----

ROUTE OF EXPOSURE

SKIN CONTACT: MAY CAUSE SKIN IRRITATION.

SKIN ABSORPTION: MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

EYE CONTACT: MAY CAUSE EYE IRRITATION.

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INHALATION: MAY BE HARMFUL IF INHALED. MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

SIGNS AND SYMPTOMS OF EXPOSURE

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

TOXICITY DATA – NOT AVAILABLE

REMARKS: MILD IRRITATION EFFECT

SECTION 12:-----ECOLOGICAL INFORMATION-----

DATA NOT YET AVAILABLE.

SECTION 13:-----DISPOSAL CONSIDERATIONS-----

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14:-----TRANSPORT INFORMATION-----

DOT

PROPER SHIPPING NAME: NONE

NON-HAZARDOUS FOR TRANSPORT: THIS SUBSTANCE IS CONSIDERED TO BE NON-HAZARDOUS FOR TRANSPORT.

IATA

NON-HAZARDOUS FOR AIR TRANSPORT: NON-HAZARDOUS FOR AIR TRANSPORT.

SECTION 15:-----REGULATORY INFORMATION-----

NO SPECIFIC INFORMATION AVAILABLE

HCS: NOT REGULATED

US FEDERAL REGULATION: NO KNOWN REGULATION

WHMIS CANADA: NOT CONTROLLED UNDER WHMIS (CANADA)

SECTION 16:-----OTHER INFORMATION-----

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. MANUFACTURER SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING FROM CONTACT WITH THE ABOVE PRODUCT.