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SDS

Common Name: FLUID FILM AEROSOL (AS)**Manufacturer:** EUREKA CHEMICAL**SDS Revision Date:** 1/20/2015**SDS Format:** GHS-US**Item Number(s):** 10N783, 10N784**Manufacturer Model Number(s):****SDS Table of Contents**

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FLUID FILM(R*)

SAFETY DATA SHEET

REVISION DATE: 01/20/2015

1. IDENTIFICATION PRODUCT IDENTIFIER

PRODUCT NAME: FLUID FILM(R*) AEROSOL (AS)

OTHER MEANS OF IDENTIFICATION:
SYNONYMS: NONERECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:
RECOMMENDED USE: CORROSION INHIBITOR, LUBRICANT
USES ADVISED AGAINST: NO INFORMATION AVAILABLE

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

SUPPLIER NAME: EUREKA CHEMICAL COMPANY

SUPPLIER ADDRESS:
234 LAWRENCE AVE
SOUTH SAN FRANCISCO, CA 94080
US

SUPPLIER PHONE NUMBER:
PHONE: 650-761-3536
FAX: 650-589-1943

CONTACT PHONE: 1-650-761-3536

SUPPLIER EMAIL: INFO@FLUID-FILM.COM

EMERGENCY TELEPHONE NUMBER:
CHEMTREC: (800) 424-9300

2. HAZARDS IDENTIFICATION



CLASSIFICATION:

THIS CHEMICAL IS CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

FLAMMABLE AEROSOLS: CATEGORY 1

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:

EMERGENCY OVERVIEW:

SIGNAL WORD: DANGER

HAZARD STATEMENTS: EXTREMELY FLAMMABLE AEROSOL

FLAME

APPEARANCE: STRAW-COLORED LIQUID

PHYSICAL STATE: LIQUID SPRAY AEROSOL

ODOR: MILD PINEY ODOR

PRECAUTIONARY STATEMENTS - PREVENTION:

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.

KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. - NO SMOKING.

PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE.

DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE.

PRECAUTIONARY STATEMENTS - RESPONSE:

IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION

PRECAUTIONARY STATEMENTS - STORAGE:

PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 DEG. C/122 DEG. F

PRECAUTIONARY STATEMENTS - DISPOSAL:

PRODUCT SHOULD BE DISPOSED OF VIA AUTHORIZED WASTE DISPOSAL CONTRACTORS IN ACCORDANCE WITH ALL LOCAL AND NATIONAL REGULATIONS.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): NOT APPLICABLE

UNKNOWN TOXICITY: NO INFORMATION AVAILABLE.

OTHER INFORMATION: NO INFORMATION AVAILABLE.

INTERACTIONS WITH OTHER CHEMICALS: NO INFORMATION AVAILABLE.

3. COMPOSITION/INFORMATION ON INGREDIENTS



CHEMICAL NAME	CAS NO	WEIGHT-%	TRADE SECRET
REFINED PETROLEUM OIL, HYDROTREATED HEAVY PARAFFINIC	64742-54-7	40 - 80	*
PETROLEUM GASES, LIQUIFIED, SWEETENED	68476-86-8	1 - 25	*
CALCIUM PETROLEUM SULFONATE	61789-86-4	1 - 10	*

*THE EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET

4. FIRST AID MEASURES



FIRST AID MEASURES:

GENERAL ADVICE: SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.

EYE CONTACT:

RINSE THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, LIFTING LOWER AND UPPER EYELIDS. CONSULT A PHYSICIAN. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

SKIN CONTACT:

WASH SKIN WITH SOAP AND WATER. IN THE CASE OF SKIN IRRITATION OR ALLERGIC REACTIONS SEE A PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

INGESTION:

DO NOT INDUCE VOMITING. DRINK PLENTY OF WATER. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

SELF-PROTECTION OF THE FIRST AIDER:

ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

MOST IMPORTANT SYMPTOMS AND EFFECTS: NO INFORMATION AVAILABLE.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY.

5. FIRE-FIGHTING MEASURES



SUITABLE EXTINGUISHING MEDIA: DRY CHEMICAL. CARBON DIOXIDE (CO2).

UNSUITABLE EXTINGUISHING MEDIA:

DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

SOME MAY BURN BUT NONE IGNITE READILY. RUPTURED CYLINDERS MAY ROCKET.

UNIFORM FIRE CODE:

AEROSOLS: LEVEL III

HAZARDOUS COMBUSTION PRODUCTS: CARBON OXIDES.

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: NO.

SENSITIVITY TO STATIC DISCHARGE: YES.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK.
DAMAGED CYLINDERS SHOULD BE HANDLED ONLY BY SPECIALISTS.

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
PERSONAL PRECAUTIONS: STOP LEAK IF YOU CAN DO IT WITHOUT RISK.
OTHER INFORMATION: VENTILATE THE AREA.

ENVIRONMENTAL PRECAUTIONS:
ENVIRONMENTAL PRECAUTIONS:
PREVENT ENTRY INTO WATERWAYS, SEWERS, BASEMENTS OR CONFINED AREAS.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

METHODS FOR CONTAINMENT:
PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO.

METHODS FOR CLEANING UP:
SOAK UP WITH INERT ABSORBENT MATERIAL. PICK UP AND TRANSFER TO PROPERLY
LABELED CONTAINERS.

7. HANDLING AND STORAGE



PRECAUTIONS FOR SAFE HANDLING:

HANDLING:
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.
DO NOT PUNCTURE OR INCINERATE CANS. CONTENTS UNDER PRESSURE. AVOID
BREATHING VAPORS OR MISTS. AVOID CONTACT WITH EYES. KEEP AWAY FROM OPEN
FLAMES, HOT SURFACES AND SOURCES OF IGNITION.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE:
KEEP CONTAINERS TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE.
PROTECT FROM SUNLIGHT. KEEP AWAY FROM HEAT, SPARKS, FLAME AND OTHER SOURCES
OF IGNITION (I.E., PILOT LIGHTS, ELECTRIC MOTORS AND STATIC ELECTRICITY).
KEEP IN PROPERLY LABELED CONTAINERS. DO NOT STORE NEAR COMBUSTIBLE
MATERIALS. KEEP IN AN AREA EQUIPPED WITH SPRINKLERS.

INCOMPATIBLE PRODUCTS: NONE KNOWN BASED ON INFORMATION SUPPLIED.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



CONTROL PARAMETERS:

EXPOSURE GUIDELINES:

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
REFINED PETROLEUM OIL, HYDROTREATED HEAVY PARAFFINIC 64742-54-7	TWA: 5 MG/M3, AS OIL MIST, MINERAL	TWA: 5 MG/M3, AS OIL MIST, MINERAL	

STEL:
TWA:
10 MG/M3, AS OIL
MIST, MINERAL

ACGIH TLV:

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS - THRESHOLD LIMIT

VALUE OSHA PEL:

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION - PERMISSIBLE EXPOSURE LIMITS
NIOSH IDLH IMMEDIATELY DANGEROUS TO LIFE OR HEALTH

OTHER EXPOSURE GUIDELINES:

VACATED LIMITS REVOKED BY THE COURT OF APPEALS DECISION IN AFL-CIO V. OSHA,
965 F.2D 962 (11TH CIR., 1992) SEE SECTION 15 FOR NATIONAL EXPOSURE CONTROL
PARAMETERS

APPROPRIATE ENGINEERING CONTROLS:

ENGINEERING MEASURES:

SHOWERS

EYEWASH STATIONS

VENTILATION SYSTEMS

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION:

NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED. USE CHEMICAL EYE GOGGLES IN TANKS
AND CONFINED SPACES.

SKIN AND BODY PROTECTION: WEAR PROTECTIVE GLOVES AND PROTECTIVE CLOTHING.

RESPIRATORY PROTECTION:

NO PROTECTIVE EQUIPMENT IS NEEDED UNDER NORMAL USE CONDITIONS. USE APPROVED
RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES IN TANKS AND CONFINED SPACES. IF
EXPOSURE LIMITS ARE EXCEEDED OR IRRITATION IS EXPERIENCED, VENTILATION AND
EVACUATION MAY BE REQUIRED.

HYGIENE MEASURES:

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.
DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WASH HANDS BEFORE
BREAKS AND IMMEDIATELY AFTER HANDLING THE PRODUCT.

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: LIQUID SPRAY AEROSOL

APPEARANCE: AMBER

ODOR: MILD PINEY ODOR

COLOR: STRAW-COLORED

ODOR THRESHOLD: NO INFORMATION AVAILABLE

PROPERTY	VALUES	REMARKS / METHOD
PH	7.8	NONE KNOWN
MELTING / FREEZING POINT	NO DATA AVAILABLE	NONE KNOWN
BOILING POINT / BOILING RANGE	NO DATA AVAILABLE	NONE KNOWN
FLASH POINT	207 C / 405 F (LESS PROPELLANT)	NONE KNOWN
EVAPORATION RATE	NO DATA AVAILABLE	NONE KNOWN
FLAMMABILITY (SOLID, GAS)	NO DATA AVAILABLE	NONE KNOWN
FLAMMABILITY LIMIT IN AIR:		

UPPER FLAMMABILITY LIMIT	NO DATA AVAILABLE	
LOWER FLAMMABILITY LIMIT	NO DATA AVAILABLE	
VAPOR PRESSURE	NO DATA AVAILABLE	NONE KNOWN
VAPOR DENSITY	NO DATA AVAILABLE	NONE KNOWN
SPECIFIC GRAVITY	0.880 (LESS PROPELLANT)	NONE KNOWN
WATER SOLUBILITY	INSOLUBLE IN WATER	NONE KNOWN
SOLUBILITY IN OTHER SOLVENTS	NO DATA AVAILABLE	NONE KNOWN
PARTITION COEFFICIENT N-OCTANOL/WATER	NO DATA AVAILABLE	NONE KNOWN
AUTOIGNITION TEMPERATURE	NO DATA AVAILABLE	NONE KNOWN
DECOMPOSITION TEMPERATURE	NO DATA AVAILABLE	NONE KNOWN
KINEMATIC VISCOSITY	NO DATA AVAILABLE	NONE KNOWN
DYNAMIC VISCOSITY	NO DATA AVAILABLE	NONE KNOWN
EXPLOSIVE PROPERTIES	NO DATA AVAILABLE	
OXIDIZING PROPERTIES	NO DATA AVAILABLE	
OTHER INFORMATION:		
SOFTENING POINT	NO DATA AVAILABLE	
VOC CONTENT (%)	<25% (CARB 310)	
PARTICLE SIZE	NO DATA AVAILABLE	
PARTICLE SIZE DISTRIBUTION		

10. STABILITY AND REACTIVITY



REACTIVITY: NO DATA AVAILABLE.

CHEMICAL STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE UNDER NORMAL PROCESSING.

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

CONDITIONS TO AVOID: HEAT, FLAMES AND SPARKS.

INCOMPATIBLE MATERIALS: NONE KNOWN BASED ON INFORMATION SUPPLIED.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON OXIDES.

11. TOXICOLOGICAL INFORMATION



INFORMATION ON LIKELY ROUTES OF EXPOSURE:

PRODUCT INFORMATION:

PRODUCT DOES NOT PRESENT AN ACUTE TOXICITY HAZARD BASED ON KNOWN OR SUPPLIED INFORMATION.

INHALATION: SPECIFIC TEST DATA FOR THE SUBSTANCE IS NOT AVAILABLE.

EYE CONTACT: NON-IRRITATING.

SKIN CONTACT: NON-IRRITATING.

INGESTION: >5000 MG/KG (RAT)

COMPONENT INFORMATION:

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
CALCIUM PETROLEUM SULFONATE 61789-86-4	>5000 MG/KG (RAT)	>4000 MG/KG (RABBIT)	

INFORMATION ON TOXICOLOGICAL EFFECTS:
SYMPTOMS: NO INFORMATION AVAILABLE.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND
LONG-TERM EXPOSURE: SENSITIZATION NO INFORMATION AVAILABLE.

MUTAGENIC EFFECTS: THERE IS NO DATA AVAILABLE FOR THIS PRODUCT.

CARCINOGENICITY: CONTAINS NO KNOWN CARCINOGENS.

REPRODUCTIVE TOXICITY: NO INFORMATION AVAILABLE.

STOT - SINGLE EXPOSURE: NO INFORMATION AVAILABLE.

STOT - REPEATED EXPOSURE: NO INFORMATION AVAILABLE.

CHRONIC TOXICITY: NO INFORMATION AVAILABLE.

TARGET ORGAN EFFECTS: NO INFORMATION AVAILABLE.

ASPIRATION HAZARD: NO INFORMATION AVAILABLE.

NUMERICAL MEASURES OF TOXICITY PRODUCT INFORMATION:
THE FOLLOWING VALUES ARE CALCULATED BASED ON CHAPTER 3.1 OF THE GHS
DOCUMENT: NOT APPLICABLE

12. ECOLOGICAL INFORMATION



ECOTOXICITY: NO INFORMATION AVAILABLE.

PERSISTENCE AND DEGRADABILITY: NO INFORMATION AVAILABLE.

BIOACCUMULATION: NO INFORMATION AVAILABLE.

OTHER ADVERSE EFFECTS: NO INFORMATION AVAILABLE.

13. DISPOSAL CONSIDERATIONS



WASTE TREATMENT METHODS:

DISPOSAL METHODS:
PRODUCT SHOULD BE DISPOSED OF VIA AUTHORIZED WASTE DISPOSAL CONTRACTORS IN
ACCORDANCE WITH ALL LOCAL AND NATIONAL REGULATIONS. CONSULT THE APPROPRIATE
STATE, REGIONAL, OR LOCAL REGULATIONS FOR ADDITIONAL REQUIREMENTS.

CONTAMINATED PACKAGING:
DISPOSE OF CONTENTS/CONTAINERS IN ACCORDANCE WITH LOCAL REGULATIONS.

14. TRANSPORT INFORMATION



DOT:

PROPER SHIPPING NAME: CONSUMER COMMODITY
HAZARD CLASS: ORM-D
DESCRIPTION: CONSUMER COMMODITY, ORM-D
EMERGENCY RESPONSE GUIDE NUMBER: 126

TDG:

UN-NO.: UN1950
PROPER SHIPPING NAME: AEROSOLS
HAZARD CLASS: 2.1
DESCRIPTION: UN1950, AEROSOLS, 2.1

MEX:

UN-NO.: UN1950
PROPER SHIPPING NAME: AEROSOLS
HAZARD CLASS: 2.1
DESCRIPTION: UN1950, AEROSOLS, 2.1

ICAO:

UN-NO.: UN1950
PROPER SHIPPING NAME: AEROSOLS
HAZARD CLASS: 2.1
DESCRIPTION: UN1950, AEROSOLS, 2.1

IATA:

UN-NO.: UN1950
PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE
HAZARD CLASS: 2.1
DESCRIPTION: UN1950, AEROSOLS, FLAMMABLE, 2.1

IMDG/IMO:

UN-NO.: UN1950
PROPER SHIPPING NAME: AEROSOLS
HAZARD CLASS: 2.1
EMS NO.: F-D, S-U
DESCRIPTION: UN1950, AEROSOLS, 2.1

RID:

UN-NO.: UN1950
PROPER SHIPPING NAME: AEROSOLS
HAZARD CLASS: 2.1
CLASSIFICATION CODE: 5F
DESCRIPTION: UN1950, AEROSOLS, 2.1

ADR:

UN-NO.: UN1950
PROPER SHIPPING NAME: AEROSOLS
HAZARD CLASS: 2.1
CLASSIFICATION CODE: 5F
TUNNEL RESTRICTION CODE: (D)
DESCRIPTION: UN1950, AEROSOLS, 2.1

ADN:

UN-NO.: UN1950
PROPER SHIPPING NAME: AEROSOLS
HAZARD CLASS: 2.1
CLASSIFICATION CODE: 5F
SPECIAL PROVISIONS: 190, 327, 344, 625
DESCRIPTION: UN1950, AEROSOLS, 2.1
LIMITED QUANTITY: 1 L
VENTILATION: VE01, VE04

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES:

TSCA: COMPLIES

DSL: ALL COMPONENTS ARE LISTED EITHER ON THE DSL OR NDSL.

TSCA - UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(B) INVENTORY

DSL/NDSL - CANADIAN DOMESTIC SUBSTANCES LIST/NON-DOMESTIC SUBSTANCES LIST

US FEDERAL REGULATIONS:

SARA 313:

SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL OR CHEMICALS WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF THE ACT AND TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 372.

SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH HAZARD: NO

CHRONIC HEALTH HAZARD: NO

FIRE HAZARD: YES

SUDDEN RELEASE OF PRESSURE HAZARD: YES

REACTIVE HAZARD: NO

VOC REGULATIONS:

THIS PRODUCT COMPLIES WITH THE CONSUMER PRODUCT VOC LIMITS OF CARB, THE US EPA AND STATES ADOPTING THE OTC VOC RULES.

US STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

THIS PRODUCT DOES NOT CONTAIN ANY PROPOSITION 65 CHEMICALS.

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA	RHODE ISLAND	ILLINOIS
PROPANE 74-98-6	X	X	X		
N-BUTANE 106-97-8	X	X	X		
ISOBUTANE 75-28-5	X	X	X		
1,1-DIFLUOROETHANE 75-37-6	X	X			

INTERNATIONAL REGULATIONS:

CANADA:

WHMIS HAZARD CLASS:

A - COMPRESSED GASES

B5 - FLAMMABLE AEROSOL

16. OTHER INFORMATION



NFPA:

HEALTH HAZARDS	0
FLAMMABILITY	3
INSTABILITY	0
PHYSICAL AND CHEMICAL HAZARDS	

HMIS:

HEALTH HAZARDS	0
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

CHRONIC HAZARD STAR LEGEND:

* = CHRONIC HEALTH HAZARD

PREPARED BY:

PRODUCT STEWARDSHIP

23 BRITISH AMERICAN BLVD.

LATHAM, NY 12110

1-800-572-6501

REVISION DATE: 01/20/2015

DISCLAIMER:

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