

NRP**MATERIAL SAFETY DATA SHEET****PRODUCT IDENTIFICATION**

PRODUCT: NRP PENETRATING OIL
PRODUCT CODE: N4855

HMIS CODES: H F R P
 2 2 0 B
NFPA 2 2 0 -
 LEVEL 3 AEROSOL

MANUFACTURER: ComStar Intl. Inc.

ADDRESS: 20-45 • COLLEGE POINT, NY 11356

INFORMATION: 718-445-7900

EMERGENCY: CHEMTREC - 800-424-9300

DATE: 5/2003

PREPARER: R. Madariaga

DISTRIBUTOR: NATIONAL REFRIGERATION PRODUCTS

2900 SAMUEL DRIVE · BENSALEM, PA 19020-7306

1-800-352-6951

HAZARDOUS INGREDIENTS/IDENTITY

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY)	CAS NUM	OSHA PEL	ACGIH TLV/TWA	OTHER LIMITS RECOMMENDED (OPTIONAL)	PERCENTAGE
PETROLEUM DISTILLATE	8052-41-3	120ppm	120ppm	NA	
PARAFFINIC OIL	64741-88-4	5mg/m ³	5mg/m ³	NA	
ISOBUTANE	75-28-5	800ppm	800ppm	NA	
PROPANE	74-98-6	1000ppm	1000ppm	NA	

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 160°F

SPECIFIC GRAVITY (H₂O=1): 0.81

VAPOR PRESSURE @70°F: 60 psig

MELTING POINT: N/A

VAPOR DENSITY: >1

EVAPORATION RATE: <1

SOLUBILITY IN WATER: INSOLUABLE

(BUTYL ACETATE = 1)

APPEARANCE AND ODOR: WATER CLEAR LIQUID WITH MILD PERTOLEUM SOLVENT ODOR

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): 105, TOC **FLAMMABLE LIMITS:** LEL: 1 UEL: N/A

EXTINGUISHING MEDIA: WATER FOG, CO₂, DRY CHEMICAL, WATER

SPECIAL FIREFIGHTING PROCEDURES: SELF-CONTAINED RESPIRATORY PROTECTION SHOULD BE PROVIDED FOR FIREMEN FIGHTING IN BUILDINGS OR CONFINED AREAS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: AEROSOLS ARE UNDER PRESSURE. EXPOSURE IN EXCESS OF 120°F MAY CAUSE BURSTING OF CAN.

REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: HIGH TEMPERATURES

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS AND ALKALIES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: BURNS TO FORM CO₂, CO, HCL, CHLORINE AND POSSIBLE INCOMPLETELY DECOMPOSED MATERIALS.

HEALTH HAZARD DATA

ROUTE(S) of ENTRY: INHALATION? YES SKIN? YES INGESTION? YES

ACUTE AND CHRONIC HEALTH HAZARDS: FUMES CAN IRRITATE EYES. OVEREXPOSURE MAY CAUSE NAUSEA, HEADACHE, DIZZINESS. MAYBE HARMFUL OR FATAL IF INGESTED.

CARCINOGENICITY: NTP IARC MONOGRAPHS OSHA REGULATED?
 NONE NONE NONE

SIGNS AND SYMPTOMS OF EXPOSURE: MAY CAUSE EYE AND SKIN IRRITATION; CONCENTRATED VAPORS MAY CAUSE NAUSEA, HEADACHES OR DIZZINESS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

EMERGENCY AND FIRST AID PROCEDURES:

FLUSH EYES WITH WATER:
WASH SKIN WITH SOAP AND WATER:
REMOVE PATIENT TO FRESH AIR.

CALL A PHYSICIAN IF NECESSARY

PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: AVOID
INHALATION OF CONCENTRATED VAPORS. ABSORB SPILLED MATERIAL WITH APPROPRIATE ABSORBENT.

WASTE DISPOSAL METHOD: DISPOSE OF ALL WASTE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME OR DIRECT SUNSHINE. DO NOT PUNCTURE OR INCINERATE CONTAINER.

PRECAUTIONS: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING VAPOR CONTENTS CAN BE HARMFUL OR FATAL.

CONTROL MEASURES

RESPIRATORY PROTECTION: NOT NECESSARY UNDER NORMAL USE.

VENTILATION: LOCAL EXHAUST: YES **SPECIAL:** NONE

MECHANICAL (GENERAL) : NONE **OTHER:** NONE

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: SAFETY GLASSES, GOGGLES OR FACE SHIELD.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT NECESSARY UNDER NORMAL USE

WORK/HYGIENIC PRACTICES: WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

DOT SHIPPING INFORMATION

PROPER SHIPPING NAME: CONSUMER COMMODITY, PRESSURIZED AEROSOL CANS

HAZARD CLASS: ORM-D

DISCLAIMER

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