

MATERIAL SAFETY DATA SHEET

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SECTION I – PRODUCT DESCRIPTION

PRODUCT NAME: S-1710 LIQUID RELEASE AGENT
CAS NUMBER: N/A
CHEMICAL FAMILY: ALIPHATIC HYDROCARBON

SECTION II - HAZARDOUS INGREDIENTS

EXPOSURE LIMITS (TWA's IN AIR)

CHEMICAL NAME	CAS NUMBER	VAPOR PRESSURE	ACGIH TLV	OSHA PEL	STEL
INERT INGREDIENTS	64742-88-7	2.0	N/A	100 ppm	N/A
FATTY ACIDS (PROPRIETARY)	N/A	1.0	N/A	N/A	N/A

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT: 6.52 LB./ GAL.
BOILING POINT/RANGE: 313° F TO 495° F
VAPOR DENSITY (AIR=1): HEAVIER THAN AIR
EVAPORATION RATE: SLOWER THAN ETHER
% VOLATILES: 97.7 BY VOLUME

SECTION IV - FIRE FIGHTING MEASURES

FLASH POINT: 125° F, TCC
LOWER EXPLOSIVE LIMIT: 1.0
UPPER EXPLOSIVE LIMIT: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: CAUTION! COMBUSTIBLE LIQUID. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE. VAPORS MAY IGNITE. WATER MAY BE INEFFECTIVE ON FIRE, BUT WATER SPRAY MAY BE USED TO COOL CLOSED CONTAINERS EXPOSED TO EXTREME HEAT OR FIRE TO PREVENT PRESSURE BUILD AND UP AND POSSIBLE AUTO IGNITION OR EXPLOSION.
EXTINGUISHING MEDIA: USE FOAM, CARBON DIOXIDE OR DRY CHEMICAL.
SPECIAL FIREFIGHTING PROCEDURES: N/A

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NONE ESTABLISHED FOR THIS PRODUCT.
EFFECTS OF OVEREXPOSURE: IRRITATION OF EYES, SKIN, AND RESPIRATORY TRACT. POSSIBLE DERMATITIS ON REPEATED AND PROLONGED SKIN CONTACT. HEADACHE AND DIZZINESS LIKELY WITH VAPOR INHALATION. PROLONGED INHALATION MAY LEAD TO UNCONSCIOUSNESS.
EMERGENCY AND FIRST AID PROCEDURES
FUMES: MOVE PERSON TO WELL VENTILATED AREA. RESTORE BREATHING. GET MEDICAL ATTENTION.
SKIN CONTACT: WIPE WITH CLEAN CLOTH, WASH THOROUGHLY WITH SOAP AND WATER.
EYE CONTACT: FLUSH THOROUGHLY WITH WATER, GET MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. GIVE PATIENT 2 - 4 GLASSES OF WATER TO DRINK TO DILUTE THE PRODUCT. GET MEDICAL ADVICE.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: NONE KNOWN
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, AND POSSIBLE NITROUS OXIDE FUMES ON IGNITION.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA. MOP SPILLS WITH INERT ABSORBENT.
WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. DO NOT INCINERATE CLOSED CONTAINER.

SECTION VIII - SPECIAL PROTECTION INFORMATION

SPRAY APPLICATION

OPEN AREAS: USE PAINT SPRAY MASK, MECHANICAL FILTER.

RESTRICTED VENTILATION AREAS: USE PAINT SPRAY MASK AND APPROVED CHEMICAL-MECHANICAL FILTER.

CONFINED AREAS: USE AIR LINE RESPIRATORS OR HOODS.

VENTILATION

PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO KEEP VAPORS BELOW THRESHOLD LIMIT VALUES

PROTECTIVE GLOVES: SOLVENT RESISTANCE GLOVES

EYE PROTECTION: SPLASH PROOF GOGGLES

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE

STORE BELOW 105° F. KEEP CONTAINERS CLOSED AND AWAY FROM HEAT AND OPEN FLAME.

OTHER PRECAUTIONS

- AVOID PROLONGED CONTACT WITH SKIN AND BREATHING VAPORS OR SPRAY MIST.
- DO NOT APPLY TO HOT SURFACES.
- AVOID CONTAMINATION WITH FOREIGN MATERIALS.
- DO NOT TAKE INTERNALLY

SECTION X - CONTROL MEASURES

RESPIRATORY PROTECTION: ALL-PURPOSE CANISTER MASK OR AIR-SUPPLIED MASK IF THE TLV IS EXCEEDED. ONLY MSHA OR NIOSH APPROVED RESPIRATORS SHOULD BE USED.

VENTILATION: LOCAL IS PREFERABLE, BUT MECHANICAL IS ACCEPTABLE.

PROTECTIVE CLOTHING: PROTECTIVE GLOVES ARE ADVISABLE, AND GOGGLES OR A FACE SHIELD SHOULD BE USED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: AN EYE BATH AND A SAFETY SHOWER SHOULD BE AVAILABLE.

WORK/HYGIENIC PRACTICES: EMPLOYEES WHO HANDLE LIQUID RELEASE AGENT SHOULD WASH THEIR HANDS THOROUGHLY BEFORE EATING, SMOKING, OR USING TOILET FACILITIES.

SECTION XI -TRANSPORT AND REGULATORY INFORMATION

SYNONYMS/Common Names: LIQUID RELEASE AGENT

CHEMICAL FAMILY/TYPE : PETROLEUM DISTILLATES

DOT PROPER SHIPPING NAME: PAINT RELATED MATERIALS

DOT HAZARD CLASS/I.D. #: 3, UN1263, PG III

NFPA RATING: HEALTH - 1; FLAMMABILITY - 1; REACTIVITY - 0

0=INSIGNIFICANT 1=SLIGHT 2=MODERATE 3=HIGH 4=EXTREME

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