

NEUCO DISTRIBUTORS

PO BOX 1214 HWY 17 N BOSTWICK, FL 32007 TEL:386.328.1257 FAX: 386.328.2716

Material Safety Data Sheet

SECTION 1 - PRODUCT IDENTITY

Product Name **Neucool 522**
Chemical Family MIXTURE
Formula MIXTURE
Transportation Emergency..... CHEMTREC: (800) 424-9300
NFPA CODES..... HEALTH - 1 FLAMMABILITY - 0 REACTIVITY - 0

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients As Defined by OSHA 29 CFR 1910.1200:

CHEMICAL NAME	C.A.S. REGISTRY NO.	%	TLV, PEL, OTHER LIMITS
HYDROTREATED NAPHTHENIC DISTILLATES	64742-52-5	5-15	PEL/TLV = 5 mg/m3, As Oil Mist

SECTION 3 - PHYSICAL DATA

Physical State..... Liquid
Evaporation Rate..... Equivalent to Water
Odor and Appearance Mild Odor, Clear Blue/Green
Boiling Point..... 212~ F (100 C)
Specific Gravity 1.00 - 1.10
Freezing Point..... 32 F, (0 C)
Vapor Pressure Not Determined
pH 9.0 - 9.7 @ 5%
Vapor Density..... Not Determined
Water Solubility..... Completely Soluble

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flash Point NONE, WATER BASED
Flammable Limits NONE, WATER BASED
Extinguishing Media REGULAR FOAM, WATER SPRAY, CARBON DIOXIDE, HALON, OR DRY CHEMICAL FOR SURROUNDING FIRES.
Special Fire Fighting Procedures WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.
Unusual Fire and Explosion Hazards TIGHTLY CLOSED CONTAINERS MAY BURST UNDER FIRE CONDITIONS. COOL WITH WATER STREAM.

SECTION 5 - REACTIVITY DATA

Stability STABLE
Incompatible Materials STRONG OXIDIZERS
Conditions to Avoid AVOID HEAT, SPARKS, AND OPEN FLAMES
Hazardous Polymerization WILL NOT OCCUR
Hazardous Decomposition Products IN THE EVENT OF COMPLETE EVAPORATION OF WATER, RESIDUE MAY YIELD DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND OTHER ORGANICS

SECTION 6 - CONTROL MEASURES

Respiratory Protection LOCAL EXHAUST AND MECHANICAL VENTILATION RECOMMENDED
Local Exhaust Ventilation SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL) VENTILATION
Mechanical Ventilation USE FANS WITHIN WORK AREA TO FACILITATE VENTILATION
Protective Gloves CHEMICALLY RESISTANT GLOVES SUCH AS POLYETHYLENE RECOMMENDED
Eye Protection CHEMICAL SPLASH GOGGLES OR SAFETY GLASSES RECOMMENDED. AVOID EYE CONTACT
Other Protective Equipment WEAR IMPERVIOUS CLOTHING AND BOOTS TO PREVENT PROLONGED OR REPEATED SKIN CONTACT. APRON RECOMMENDED. EYE-WASH AVAILABLE IN CASE OF ACCIDENT IS RECOMMENDED.

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SECTION 7 - HEALTH HAZARD DATA

TLV for Mixture NOT ESTABLISHED

Primary Route of Entry EYE/SKIN CONTACT

EFFECTS OF OVEREXPOSURE

Inhalation: PROLONGED BREATHING OF VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION.

Oral: INGESTING LARGE AMOUNTS MAY CAUSE IRRITATION OF THE GASTROINTESTINAL TRACT, NAUSEA AND VOMITING.

Skin: PROLONGED CONTACT WITH CONCENTRATE CAN RESULT IN SKIN IRRITATION.

Eyes: MAY CAUSE TRANSIENT EYE IRRITATION WITH PAIN AND REDNESS.

Chronic Overexposure: NONE KNOWN.

FIRST AID PROCEDURES

Inhalation: IF IRRITATION OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Ingestion: DO NOT INDUCE VOMITING. DILUTE WITH WATER OR MILK. KEEP PERSON WARM AND QUIET AND GET MEDICAL ATTENTION.

Skin: REMOVE ANY CONTAMINATED CLOTHING. THOROUGHLY WASH AREA WITH MILD SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.

Eyes: FLUSH WITH WATER, IMMEDIATELY, FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION.

TOXICOLOGICAL DATA

FROM THE AVAILABLE TOXICOLOGICAL DATA ON THE INGREDIENTS USED IN THIS PRODUCT, THE PROJECTED TOXICOLOGICAL DATA FOR THIS FINISHED PRODUCT IS:

ORAL LD50 (RAT) - >5000 mg/kg, PRACTICALLY NON-TOXIC; DERMAL LD50 (RABBIT) - >5000 mg/kg, PRACTICALLY NON-TOXIC

Carcinogenicity: LISTED IN NTP? NO; IARC MONOGRAPHS? NO; OSHA 1910(z)? NO

SECTION 8 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Take In Case Of Spill LARGE SPILLS SHOULD BE PREVENTED FROM ENTERING DRAINS, SEWERS, STREAMS AND ANY OPEN OR PUBLIC BODY OF WATER. COVER SPILLS WITH AN ABSORBENT, SWEEP UP AND PUT IN A PROPER CONTAINER FOR DISPOSAL IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

Waste Disposal Method SPILLED MATERIAL SHOULD BE DISCARDED AS DESCRIBED ABOVE, OBSERVING ALL LOCAL, STATE, AND FEDERAL GOVERNMENTAL REGULATIONS THAT APPLY TO SPILL REPORTING AND WASTE DISPOSAL.

Handling And Storage Precautions KEEP FROM EXTREME TEMPERATURES. KEEP EMPTY CONTAINERS AWAY FROM SPARKS AND OPEN FLAMES. FOLLOW COMMON SENSE HYGIENE AND HANDLING PRACTICES. KEEP IN A CLOSED CONTAINER WHEN NOT IN USE. WASH THOROUGHLY AFTER USE.

Other Precautions ROTATE STOCK. DON NOT RE-USE EMPTY CONTAINERS.

SECTION 9 - OTHER REGULATORY/SHIPPING INFORMATION

U.S. TSCA ALL COMPONENTS ARE ON THE TSCA INVENTORY

SARA Title III, Section 313 NONE

Proper Shipping Name METALWORKING FLUID, WATER BASED

DOT Hazard Class (49CFR172.101) NON-HAZARDOUS

Date Prepared 1/2/2009

Preparer CHEMIST