

MATERIAL SAFETY
DATA SHEET

ATOTECH USA INC.
1750 OVERVIEW DRIVE
P.O. BOX 12000
ROCK HILL, S.C. 29731-2000

EMERGENCY TELEPHONE
NUMBER
8:00 am - 5:00 pm
(803) 817-3500

CHEMTREC - 24 HOURS
1-800-424-9300

NAME USED ON LABEL: DIS-MIST NP
CHEMICAL NAME (if single substance): Mixture
CHEMICAL FAMILY: Mixture
FORMULA: Proprietary

HAZARDOUS INGREDIENTS

IDENTITY CAS No. % EXPOSURE LIMITS

This product does not contain Hazardous Materials above De Minimus reporting levels as defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

PHYSICAL DATA

BOILING POINT: N/E FREEZING POINT: N/E
SPECIFIC GRAVITY: 1.00 - 1.01 VAPOR PRESSURE @ 20 C: N/E
VAPOR DENSITY (Air=1): N/E SOLUBILITY IN WATER: Complete
% VOLATILE: N/A EVAPORATION RATE
pH: 9.2 - 11.0 (Butyl Acetate=1): N/E

APPEARANCE: Clear, gold liquid.

FIRE AND EXPLOSION DATA

FLASH POINT (Test Method) AUTOIGNITION TEMPERATURE FLAMMABLE LTS.
N/E N/E LEL-N/E UEL-N/E

EXTINGUISHING MEDIA: Nonflammable -- Use extinguishing media appropriate to surrounding fire conditions.

SPECIAL FIRE FIGHTING PROCEDURES: Do not get material on skin or clothing. Avoid inhalation of fumes or mists. Stay upwind, out of low areas, and ventilate closed spaces before entering. Cool containers from the side with water until fire is out. Use water spray to reduce vapor; do not put water directly on leak or spill area. Wear full protective clothing and NIOSH-approved, self-contained breathing apparatus (SCBA) with full facepiece operated in the pressure demand or other positive pressure mode. Move containers from fire area, if possible to do so without risk.

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UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HEALTH HAZARD DATA

EYE CONTACT: May cause irritation to the eyes and surrounding areas.

SKIN CONTACT: May cause irritation.

INHALATION: May cause irritation to the respiratory passages,
including the nose, airway, and lungs.

INGESTION: May cause irritation to the mouth, throat, and stomach.

CHRONIC TOXICITY: Effects of long-term exposure to this product have
not been determined.

SYMPTOMS OF EXPOSURE: Red, inflamed skin, eyes, and mucous
membranes; pain; blurred or diminished vision; abdominal pain,
nausea, vomiting, diarrhea; shortness of breath, chest pain;
dizziness.

CARCINOGENICITY:

	NTP	IARC	Other
Yes			
No	X	X	X

SUGGESTED FIRST AID

EYES: Immediately flush eyes with plenty of water for at least 15
minutes forcibly holding eyelids apart to ensure complete irrigation
of all eye and lid tissue. Get immediate medical attention.

SKIN: Immediately flush skin with plenty of water while removing
contaminated clothing and shoes. Get immediate medical attention.
Contaminated clothing should be taken off/removed in a manner which
limits further exposure.

INHALATION: Remove to fresh air. If not breathing, give artificial
respiration and/or if breathing is difficult give oxygen by trained
personnel. Get immediate medical attention.

INGESTION: If swallowed, induce vomiting immediately as directed by
medical personnel. Never give anything by mouth to an unconscious
person. Get medical attention immediately.

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REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with incompatible materials.

INCOMPATIBILITY (Materials to Avoid): None.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SPECIAL PROTECTION INFORMATION

VENTILATION: Local exhaust or an enclosed handling system is highly recommended. Mechanical (general) ventilation is required.

EYE PROTECTION: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Do not wear contact lenses when in contact with this product. An emergency eye wash must be readily accessible to the work area.

RESPIRATORY PROTECTION: Use NIOSH approved respiratory equipment when airborne concentrations are equal to or may exceed exposure limits. For emergency or other conditions where exposure levels are not known or may be uncontrolled, use a positive pressure air-supplied or self-contained breathing apparatus (SCBA). Respiratory protection programs must comply with 29 CFR 1910.134.

ADDITIONAL PERSONAL PROTECTIVE EQUIPMENT: Select chemical resistant clothing such as gloves, aprons, boots or whole full body protection where contact may occur. Consult glove/clothing manufacturer to determine the most suitable chemical resistant clothing for user's application. Consideration must be given to durability and permeation resistance. Wash immediately if skin is contaminated. Remove contaminated clothing immediately after use and wash before re-use. Provide a safety shower at any location where skin contact may occur. Always wash skin thoroughly after handling.

SPECIAL PRECAUTIONS

HANDLING: Avoid getting in eyes, on skin, or on clothing. Avoid breathing dust, mist or vapor. Do not take internally. Use only with

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adequate ventilation. Wash thoroughly after handling. Emptied container retains vapor and product residue - Observe all label safeguards until container is cleaned, reconditioned or destroyed. Keep container tightly closed in an upright position.

STORAGE: Store in a cool, dry place away from incompatible material.

ENVIRONMENTAL INFORMATION

SPILL RESPONSE: Wear NIOSH/MSHA-approved respiratory protection and appropriate personal protective equipment when cleaning spill. Do not get spilled material on skin or clothing; stop leak if you can do so without risk. If necessary, dike area of spill to prevent spreading. Cover with sand, clay, or other non-combustible absorbent material. Transfer absorbed material to an appropriate and properly labeled container for disposal. NOTE: Discharge to a public sewerage authority should coincide with all applicable local permits and notification requirements. May be hazardous to aquatic life if released to open waters.

RECOMMENDED DISPOSAL: Disposal of waste material from the use of this product may be subject to federal, state, and local regulations. Refer to Part 261 of 40 CFR for the applicability of federal regulations. Consult with your state and local governments for additional regulatory requirements. Disposal of this material must be in a manner compliant with all federal, state, and local regulations.

TRANSPORTATION

HAZARDOUS MATERIAL/DANGEROUS GOODS SHIPMENT IS INDICATED BY (X) BELOW:

(X) NOT REGULATED (NOTE: For reportable quantities which may apply, see Miscellaneous.)

MISCELLANEOUS

EPA/DOT - REPORTABLE QUANTITY (RQ) FOR HAZARDOUS SUBSTANCES:

(X) There are no constituents in this product for which reportable quantities may be applicable.

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EPA - Any release of hazardous substance(s) in a quantity equal to or exceeding the RQ in any 24-hour period requires the immediate notification of the National Response Center in Washington, D.C. at (800) 424-8802. Other notification requirements, such as state and local governments, may apply.

DOT - Any package containing a hazardous substance in a quantity equal to or exceeding the RQ is regulated as a hazardous material.

ADDITIONAL INFORMATION

RATINGS:	F	H	R	PPE	Spec Haz
HMIS	0	1	0	X	N/APP
NFPA	0	1	0	N/APP	N/APP

F= Flammability H=Health R=Reactivity
PPE= Personal Protection Equipment Spec Haz= Special Health Hazards
W=Water Reactive OX=Oxidizer * = Chronic Hazard

SARA Title III Classifications:	Yes	No
Immediate (Acute) Health . . .	X	
Delayed (Chronic) Health . . .		X
Sudden Release of Pressure . .		X
Reactive		X
Fire		X

Components of this product are identified below if they are present in excess of de minimus reporting levels. Components that are not required to be identified by specific chemical name may have a generic description.

SARA Title III Section 302 Extremely Hazardous Substances:
NONE

SARA Title III Section 313 Toxic Chemicals:
NONE

STATE RIGHT-TO-KNOW

Components of this product which are specifically identified in the ingredients section of this MSDS may be listed as hazardous by these and/or other states: California, Connecticut, Illinois, Indiana, Kentucky, Louisiana, Massachusetts, Michigan, Minnesota, New Jersey, New York, North Carolina, Pennsylvania and Rhode Island.

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CAREFULLY READ THE FOLLOWING: The identification of ingredients in this document meets or exceeds the requirements set forth in 29 CFR, 40 CFR, et al. at the date of publication. Ingredients present in a mixture or solution which are generically identified or not referenced in this document are not regulatorily required to be specifically identified or referenced. The information contained herein should be provided to all those who will use, handle, store, transport, or may otherwise be exposed to this product.

We certify that all ingredients, whether identified in this MSDS or not, are on the TSCA inventory (for USA manufacture and/or sales only).

THE INFORMATION CONTAINED HEREIN, TO THE BEST OF OUR KNOWLEDGE, IS CONSIDERED TO BE ACCURATE. SUCH INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION, INVESTIGATION, AND VERIFICATION, AND WE DO NOT SUGGEST OR GUARANTEE THAT ANY PRECAUTIONS, PROCEDURES, RECOMMENDATIONS ETC. ARE PREFERRED OR UNIQUE. ATOTECH USA INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE USE OF THIS INFORMATION OR THE USE OF MATERIAL IDENTIFIED HEREIN, IN COMBINATION WITH ANY OTHER MATERIAL OR PROCESS, AND ASSUMES NO RESPONSIBILITY THEREFORE. THIS DOCUMENT WAS DEVELOPED UNDER THE REQUIREMENTS OF THE UNITED STATES, AND AS SUCH MAY NOT SATISFY OTHER STATE OR REGIONAL REQUIREMENTS.

PREPARED BY THE PRODUCT SAFETY DEPARTMENT (PSD)

ISSUED: 05/28/2002

SUPERSEDES: 11/28/2001