



MATERIAL SAFETY DATA SHEET

Identity: DESTROYER SX SERIES	Date prepared: January 29, 2010
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SECTION I

J & J CHEMICAL CO. PO Box 81306 Athens, GA 30608 Emergency Number	Phone: 706-546-7069 or 800-345-3303 Fax: 706-546-7178 1-800-535-5053
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SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

	CAS #	ACGIH TLV		ACGIH TLV-	OSHA	OSHA
		TWA	STEL	CEIL	PEL-TWA	PEL-STEL
Formaldehyde	50-00-0	N/A	N/A	0.3 ppm	0.75 ppm	2 ppm
Methanol	67-56-1	200 ppm	250 ppm	N/A	200 ppm	250 ppm
Polymeric colorant - non toxic	Mixture	NE	NE	NE	NE	NE
Fragrance: essential oils & retardants	Mixture	NE	NE	NE	N/A	N/A
Surfactant blend - stabilizers & cleaners	Mixture	NE	NE	NE	N/A	N/A

Other components consisting of between 10 & 20 % by weight are considered a trade secret and not disclosed under terms of OSHA 29cfr 1926.59 and 29cfr 1928.21. Such components may be disclosed under emergency conditions to health professionals, if necessary.

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

INITIAL BOILING POINT: 212°F	APPEARANCE AND ODOR: Dark blue liquid with pleasant fragrance
VAPOR PRESSURE: NE	SPECIFIC GRAVITY (water=1): 1.08
VAPOR DENSITY (air=1): NE	MELTING POINT: NE
SOLUBILITY IN WATER: 100%	EVAPORATION RATE (butyl acetate=1): NE

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used):	>200°F
FLAMMABLE LIMITS	LEL: NE UEL: NE
EXTINGUISHING MEDIA:	Dry chemical foam, CO ₂ , and/or water spray.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self-contained breathing apparatus
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NE

SECTION V. REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY (materials to avoid):	Will react with peroxide, phenol, strong acids, alkali, and strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition may produce CO and/or CO ₂ .
HAZARDOUS POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	Elevated temperatures

SECTION VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eyes, skin, inhalation, ingestion

HEALTH HAZARDS

ACUTE:

EYES: Severe irritant to eyes; corrosive. May cause permanent eye damage if not removed quickly.

SKIN: Severe irritation on contact.

SWALLOWING: Harmful or fatal. Severe irritation to mouth, larynx, and esophagus may occur.

INHALATION: Concentrated solvent vapors or mists can cause irritation of mucous membranes.

CHRONIC: Formaldehyde is on the national toxicology program list of suspect carcinogens. Formaldehyde may cause cancer based on animal data. Repeated or prolonged exposure to formaldehyde may cause skin sensitization, dermatitis, or other allergic reactions. The degree of sensitivity varies with individuals.

CARCINOGENICITY: Yes **NTP:** Yes **IARC MONOGRAPHS:** Yes **OSHA REGULATED:** Yes

EFFECTS OF OVEREXPOSURE: Irritation to eyes, skin, respiratory and digestive systems.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: This product contains ingredients which may affect the respiratory system, eyes, skin, nervous system and gastro-intestinal tract.

EMERGENCY AND FIRST AID PROCEDURES:

IN EYES: Immediately flush eyes with water for 15 minutes. Remove contact lenses and continue flushing. Seek immediate medical attention if burning sensation persists.

ON SKIN: Always wash skin after contact. Do not leave contaminated clothing in contact with skin. If redness itching, or a burning sensation develops, get medical attention.

SWALLOWED: Induce vomiting by giving salty water and repeat until vomit fluid runs clear. Seek medical attention.

INHALED: Remove to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

SECTION VII. PRECATUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILL: Eliminate all ignition sources, recover free liquid, absorb residue, and dispose according to local, state, and federal regulations.

WASTE DISPOSAL METHOD Dispose of in accordance with all local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: TLV or suggested control value. Minimize exposure in accordance with good hygiene practice. Exposure to the aerosol should be reduced or eliminated. Do not get into eyes, on skin, or on clothing. Wear goggles and rubber gloves when handling. Avoid breathing concentrated vapors. Do not store above 110°F. Do not freeze. **KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.**

SECTION VIII. CONTROL MEASURES

VENTILATION: Normal room ventilation is adequate.
RESPIRATORY PROTECTION: Where air contaminants can exceed acceptable criteria use NIOSH/MSH approved respirators.
HANDS: Neoprene or other impervious gloves
EYES: Safety glasses with side shield, goggles, or face shield
OTHER: Eye wash station, apron
HYGENIC PRACTICES: Wash hands thoroughly after handling.

SECTION IX. REGULATORY INFORMATION

FEDERAL REGULATIONS:

CERCLA/SARA

Emergency Reporting: A spill or release of this material may trigger the emergency release reporting requirements under CERCLA (40 CFR Part 300) and/or SARA Title III (40 CFR Part 355). State or local reporting requirements may differ from federal requirements. Consult counsel for further guidance on your responsibilities under these laws.

SARA Title III Section 313 Supplier Notification: This product is known to contain formaldehyde and methanol which are listed in 40 CFR 372.65 As toxic chemicals requiring notification. This information must be included in all MSDSs that are copied and distributed for this product.

CWA Section 307: Does not contain chemicals listed under Section 307 as toxic pollutants NOT eligible for waiver from best available technology economically achievable (BAT) effluent limitations.

CWA Section 311: Formaldehyde is listed under Section 311 as a hazardous substance requiring the submission of a National Pollutant Discharge Elimination System (NPDES) permit application to the EPA>

TSCA: Formaldehyde and methanol are listed on the Toxic Substances Control Act Inventory or are excluded from listing requirements.

Other regulations: This product has not been registered for use as a pesticide under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

See the OSHA Formaldehyde Standard 29 CFR 1910.1048 for worker training, workplace monitoring, and medical surveillance requirements.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): Formaldehyde is known to the State of California to cause cancer.

Canada: Formaldehyde and methanol are listed on the Canadian Domestic Substances List (DSL)

The information accumulated herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

NE: not established

N/A: not applicable