



GENERAL CHEMICAL CORPORATION
MATERIAL SAFETY DATA SHEET

GenSolve™ 500

Date prepared: 06-26-00
Date revised: 09-25-01
Version No.: 02

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EMERGENCY PHONES:	NFPA RATING	HMIS RATING
CHEMTREC: 800-424-9300	Health:	Health: 1
GEN. CHEM: 831-636-5151	Fire:	Fire: 2
	Reactivity:	Reactivity: 0
	Special:	

I PRODUCT IDENTIFICATION

PRODUCT NAME:	GENSOLVE™ 500	CAS No. Not applicable on blend
FORMULA:	A blend	MOL WT. A blend

II HAZARDOUS INGREDIENTS

Ingredient Name	CAS No	Content	OSHA PEL	ACGIH TLV
Dimethylacetamide	127-19-5	*	10 ppm	10 ppm

* The identities of the material balance in this product are withheld as a trade secret (29 CFR 1910.1200(i) and are available to physician or paramedical personnel in emergency situation.

III HEALTH HAZARD INFORMATION

PRIMARY ROUTE OF ENTRY: Inhalation, skin, ingestion.
ACUTE EFFECTS OF EXPOSURE:
EYE CONTACT: May cause slight to moderate irritation.
SKIN CONTACT: May cause slight to moderate irritation.
INGESTION: May cause slight to moderate irritation of the gastrointestinal tract.
INHALATION: May cause dizziness and nausea.
CHRONIC EFFECTS OF EXPOSURE: Repeated or prolonged exposure may cause kidney and liver damage.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No existing medical conditions are known to be aggravated by exposure.

IV FIRST AID MEASURES:

EYE CONTACT: Immediately flush eyes with water and continue washing for several minutes. Get medical attention if irritation persists.
SKIN CONTACT: Promptly wash contaminated skin with soap or mild detergent and water.
INGESTION: If conscious, immediately induce vomiting by giving 2 glasses of water and sticking a finger down the throat. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.
INHALATION: If inhaled, remove to fresh air. Perform artificial respiration if breathing has stopped.

V TOXICOLOGICAL AND ECOLOGICAL INFORMATION

ORAL: RAT LD50 = No data available
DERMAL: RABBIT LD50 = 2240 mg/kg
INHALATION: RAT LC 50 = No data available
CARCINOGENICITY: None known by NTP, IARC and OSHA listing

VI FIRE AND EXPLOSION INFORMATION

Flash point: deg. F: >160
Method used: CC
EXTINGUISHING MEDIA: Alcohol foam, dry chemical, carbon dioxide, water spray
SPECIAL FIRE FIGHTING PROCEDURES: Protective equipment and SCBA
UNUSUAL FIRE AND EXPLOSION HAZARDS: As with any organic material, contact with strong oxidizers may cause fire or explosion.
HAZARDOUS COMBUSTION PRODUCTS: Oxides of nitrogen, carbon monoxide, carbon dioxide.

Flammable Limits in Air, %
Lower: No data Upper: No data
Auto-ignition temp: No data

VII SPILL AND PRECAUTION FOR HANDLING AND USE

SPILL CLEANUP METHODS: Absorb liquid with non-combustible absorbent material and package for proper waste management. Rinse spill area with water and send rinses to sewer.
STORAGE PRECAUTIONS: Keep storage container tightly closed. Store in cool, dry, well ventilated area or cabinet. Isolate from incompatibles such as corrosives, oxidizers, or strong reducing agents.

VIII EXPOSURE CONTROL AND PERSONAL PROTECTION

VENTILATION: Local exhaust is recommended under normal handling.
RESPIRATORY PROTECTION: Not required. Respiratory protection, NIOSH/MSHA approved respirator, is recommended if vapor/mist are generated.
EYE PROTECTION: Glasses or goggles
OTHER PROTECTION: Protective gloves of compatible material like rubber.. Wear suitable protective clothing. Additional equipment may include uniform or apron.

IX PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid
COLOR: Transparent
ODOR: Little or no odor
SOLUBILITY DESCRIPTION: Complete
SPECIFIC GRAVITY @ 68F: 0.96-1.03
BOILING POINT, deg F: 329
MELTING POINT, deg F: - 4
EVAPORATION RATE (BuAc = 1): 0.17
VAPOR PRESSURE (mm Hg) @ 77F: 3.5
VAPOR DENSITY (air = 1): 2.50

X STABILITY AND REACTIVITY

STABILITY: Stable under normal application temperature.

POLYMERIZATION: Will not polymerize

CONDITIONS TO AVOID: Flame or other sources of ignition.

MATERIAL TO AVOID: Strong acids, strong oxidizers, strong reducing agents.

XI TRANSPORT INFORMATION

DOT Name: Not regulated

Hazard Class:

UN No.:

Packing Group:

XII REGULATORY INFORMATION

SARA TITLE III: Not listed

PROP 65: Not listed

TSCA INVENTORY STATUS: Listed

XIII OTHER INFORMATION

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09-25-01 – Qualified the type of protective equipment in Sec. VIII.

Dermal information is added in Sec. V