



GENERAL CHEMICAL CORPORATION
MATERIAL SAFETY DATA SHEET

GenTak™ 230

Date prepared: 04-06-01
Date revised: 06-21-01
Version No.: 03

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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:	GENTAK™ 230	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
Component "R"	*	*	N/E	N/E
Dimethylacetamide	127-19-5	*	10 ppm	10 ppm

N/E: Not established

* 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: Skin contact

ACUTE EFFECTS OF EXPOSURE:

EYE CONTACT: May cause slight to moderate irritation.
SKIN CONTACT: May cause slight to moderate irritation.
INGESTION: Unlikely due viscosity
INHALATION: May cause dizziness, nausea and vomiting.

CHRONIC EFFECTS OF EXPOSURE: Based on animal study, chronic effects may occur in liver and kidney.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No identified 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: Do not induce vomiting. 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 = No data available

INHALATION: RAT LC 50 = No data available

CARCINOGENICITY: None known

VI FIRE AND EXPLOSION INFORMATION

Flash point: <70 °C (<158°F)

Method used: TCC

Flammable Limits in Air, %

Lower: No data Upper: No data

Auto-ignition temp: No data

EXTINGUISHING MEDIA: Alcohol foam, dry chemical, carbon dioxide, water spray.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide.

VII SPILL AND PRECAUTION FOR HANDLING AND USE

SPILL CLEANUP METHODS: Absorb with non-combustible absorbent material and package for proper waste management.

STORAGE PRECAUTIONS: Keep storage container tightly closed. Store at ambient temperature, dry, well ventilated area or cabinet. Isolate from incompatibles such as corrosives, oxidizers.

VIII EXPOSURE CONTROL AND PERSONAL PROTECTION

VENTILATION: Local mechanical exhaust ventilation capable of maintaining emission at the point of use.

If heated, vapors should be ventilated away from workspace.

RESPIRATORY PROTECTION: No special respiratory protection is required under normal handling condition at STP with adequate ventilation.

EYE PROTECTION: Glasses or goggles are required.

OTHER PROTECTION: Nitrile or neoprene protective gloves are required. Wear suitable protective clothing. Additional equipment may include uniform or apron.

IX PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: viscous liquid
COLOR: Dark brown
ODOR: Mild odor
SOLUBILITY DESCRIPTION: Insoluble
SPECIFIC GRAVITY @ 68F: No data
BOILING POINT: >130 C/ >280 F
EVAPORATION RATE (BuAc = 1): <1
VAPOR PRESSURE (mm Hg) @ 68F: No data
VAPOR DENSITY (air = 1): No data²
VISCOSITY (GLYCERINE = 1) @ 25 C: No data

X STABILITY AND REACTIVITY

STABILITY: Stable under normal operating temperature.
POLYMERIZATION: Will not polymerize
CONDITIONS TO AVOID: Flame or other sources of ignition.
MATERIAL TO AVOID: Strong oxidizers.

XI TRANSPORT INFORMATION

DOT Name: Adhesive, containing a flammable liquid
Hazard Class: 3
UN No.: 1133
Packing Group: III

XII REGULATORY INFORMATION

SARA TITLE III: Not listed chemical
PROP 65: Not listed
TSCA INVENTORY STATUS: Listed

XIII OTHER INFORMATION

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05-04-01: Added a component in the section II.
06-21-01: Corrected hazardous decomposition product in section VI.