

BIOCHEM SYSTEMS DIV GOLDEN TECHNOLOGIES CO INC -- BIO T GENERAL PURPOSE CLEANER  
-- 6850-01-380-4298

=====  
===== Product Identification =====

Product ID: BIO T GENERAL PURPOSE CLEANER

MSDS Date: 12/10/1992

FSC: 6850

NIIN: 01-380-4298

MSDS Number: BSGLV

=== Responsible Party ===

Company Name: BIOCHEM SYSTEMS DIV GOLDEN TECHNOLOGIES CO INC

Address: 14452 W 44TH AVE

Box: 437

City: GOLDEN

State: CO

ZIP: 80402

Country

: US

Info Phone Num: 800-777-7870

Emergency Phone Num: 303-277-2750

Preparer's Name: C.R. HAMILTON

CAGE: 0XYG0

=== Contractor Identification ===

Company Name: BIOCHEM SYSTEMS INC

Address: 3511 N OHIO

Box: City: WICHITA

State: KS

ZIP: 67219

Country: US

Phone: 316-838-4663 OR 800-777-7870

CAGE: 0XYG0

Company Name: PENRAY CO

Address: 440 DENNISON COURT

Box: City: WHEELING

State: IL

ZIP: 60090

Country: US

Phone: 708-459-5000

CAGE: 5L973

=====  
===== Composition/Information on Ingredients =====

Ingred Name: NAT

URAL TURPENE (MANUFACTURER CONSIDERS AMOUNT TO BE A  
TRADE SECRET)

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION OF AEROSOL/SPRAY MAY  
RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION. CONTACT MAY IRRITATE  
SKIN OR EYES. NO HEALTH EFFECTS GIVEN FOR INGESTION. CHRONIC:  
PRO

LONGED OR REPEATED EXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM  
DEPRESSION; DERMATITIS.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED: DROWSINESS, HEADACHE, UNCOORDINATION.  
EYES: REDNESS, TEARING, DISCOMFORT. SKIN: REDNESS, ITCHING,  
DISCOMFORT. INGESTED: NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:PREDISPOSITION TO ALLERGIC CONTACT  
DERM  
ATITIS.

===== First Aid Measures =====

First Aid:INHALED: MOVE TO FRESH AIR. RESTORE BREATHING IF NEEDED. GET  
MEDICAL ATTENTION IF SYPTOMS PERSIST. EYES: FLUSH WITH WATER FOR 15  
MINUTES, HOLD LIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE  
CONTAMINATED CLOTHES. WASH WITH MILD SOAP AND WATER. SEE DOCTOR IF  
SYMPTOMS PERSIST.

===== Fire Fighting Measures =====

Flash Point Method:TOC

Flash Point:NONE

Lower Li

mits:NONE

Upper Limits:NONE

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE GEAR. DO NOT USE WATER.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN PRODUCT WITH INERT MATERIAL OR  
ABSORBENT MATERIAL SUCH AS ACTIVATED CARBON OR KITTY LITTER. PLACE  
IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE S

PECIFIED BY MANUFACTURER.

=====  
===== Handling and Storage =====

Handling and Storage Precautions:STORE IN GLASS, TIN LINED, STAINLESS STEEL OR EPOXY-LINED CONTAINERS IN WELL-VENTILATED AREAS AT TEMPERATURES BELOW 130F. DO NOT STORE IN PLASTIC.

Other Precautions:STORE IN CLOSED CONTAINERS. STORE AWAY FROM SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS. PROTECT AGAINST PHYSICAL DAMAGE TO CONTAINERS.

=====  
===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS FAIL OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MAUFACTURER'S RECOMMENDATIONS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:NITRILE

Eye Protection:GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER. HMIS: EYE WASH AVAILABLE.

Work Hygienic Practices:W

ASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

AVOID WEARING CLOTHES SATURATED WITH CLEANER. PER TIR- ALL NATURAL, MULTI-PRPOSE DEGREASER/CLEANER. NON-TOXIC, USED TO CLEAN METAL PARTS. USES: GENERAL JANITORIAL CLEANING; CLEAN HEAVY INDUSTRIAL DIP TANKS AND SPRAY UNITS.

=====  
===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:212F,100C

Vapor Pres:0.03

MM HG

Vapor Density: