

MATERIAL SAFETY DATA SHEET
 May be used to comply with OSHA's Hazard
 Communication Standard,
 29CFR 1910.1200. Standard must
 be consulted for specific requirements.

U.S. Department of Labor
 OCCUPATIONAL SAFETY AND
 HEALTH ADMINISTRATION

SIMILAR TO FORM OSHA 174

IDENTITY (As Used on Label and List) GLASS GLEAM-3 OR GLASS GLEAM-4 GLASS CLEANER, CONCENTRATED SOLUTION	ACUTE HEALTH FIRE REACTIVITY NFPA 0 0 0 0 = LEAST 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
Section 1 MANUFACTURER'S NAME TITAN LABORATORIES	EMERGENCY TELEPHONE NUMBER SEE BELOW OR 800-255-3924 EMERG'Y ONLY
ADDRESS 1071 WRIGHT AVE. MOUNTAIN VIEW, CA 94043	TELEPHONE NUMBER FOR INFORMATION (650) 965-9900
	DATE PREPARED July 18, 2006 V3.71

Section II --- Hazardous Ingredients/Identify Information

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	OTHER LIMITS	% (OPTIONAL)
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NONE

(NONE OF THE INGREDIENTS HAVE BEEN IDENTIFIED AS HAZARDOUS WITHIN OSHA'S HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

NONTOXIC, BIODEGRADABLE

NOTE: GG-3 AND GG-4 ARE DIFFERENT FORMULAS. THE MSDS INFORMATION IS SIMILAR.

Section III --- Physical/Chemical Characteristics

BOILING POINT 213°F	SPECIFIC GRAVITY (H ₂ O = 1) 1.028
VAPOR PRESSURE (MM HG) 20 mm Hg @ 25°C	MELTING POINT NOT APPLICABLE
VAPOR DENSITY (AIR = 1) NOT DETERMINED	EVAPORATION RATE 1 (N-Butyl Acetate = 1)
SOLUBILITY IN WATER 100%	pH: (H ₂ O = 7) NEUTRAL, APPROX 7.4
APPEARANCE AND ODOR LIQUID, PLEASANT ODOR. ORANGE COLOR (GG-3), BLUE COLOR (GG-4)	

Section IV --- Fire and Explosion Hazard Data

FLASH POINT (METHOD USED) NONE (TCC)	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA	NONE REQUIRED		
SPECIAL FIRE FIGHTING PROCEDURES	NONE REQUIRED		
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE		

Section V --- Reactivity Data

[GLASS GLEAM-3 OR 4 PG. 2 V3.71]

STABILITY : **STABLE**INCOMPATIBILITY Materials to Avoid) **NONE**HAZARDOUS DECOMPOSITION OR BYPRODUCTS **CO AND CO₂ WHEN INCINERATED**HAZARDOUS POLYMERIZATION: **WILL NOT OCCUR****Section VI --- Health Hazard Data**

ROUTE(S) OF ENTRY:	INHALATION?	SKIN?	INGESTION?
	NO	NO	YES

HEALTH HAZARDS (Acute and Chronic) **CONCENTRATE IS A MILD EYE IRRITANT. INGESTION OF THE CONCENTRATE MAY CAUSE DIARRHEA. RELATIVELY LOW HEALTH HAZARDS WHEN DILUTED FOR USE.**

CARCINOGENICITY:	NTP?	IARC MONOGRAPHS?	OSHA REGULATED?
	NO	NO	NO

SIGN AND SYMPTOMS OF EXPOSURE **SEE "HEALTH HAZARDS"**

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
NONE KNOWN

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH WATER FOR 10 MINUTES WHILE HOLDING EYELIDS OPEN. REMOVE CONTACT LENSES IF WORN. IF IRRITATION PERSISTS, SEE A PHYSICIAN. INGESTION: IF SWALLOWED IN QUANTITY, SEE A PHYSICIAN AND TREAT AS SOAP OR DETERGENT INGESTION. MINOR INGESTION: RINSE MOUTH, DRINK WATER.

Section VII --- Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED **PICK UP EXCESS WITH MOP, DUSTPAN, OR WET/DRY VACUUM. WASH RESIDUE TO SEWER. PRODUCT IS NONTOXIC AND BIODEGRADABLE.**

WASTE DISPOSAL METHOD:**SEWER, LANDFILL OR INCINERATE FOLLOWING FEDERAL, STATE AND LOCAL ORDINANCES.****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING****STORE IN A CLOSED CONTAINER BETWEEN 32°F AND 150°F****OTHER PRECAUTIONS****KEEP OUT OF REACH OF CHILDREN.****Section VIII --- Control Measures**RESPIRATORY PROTECTION (Specify Type) **NONE REQUIRED.**VENTILATION LOCAL EXHAUST **NONE**PROTECTIVE GLOVES **IF REQUIRED** EYE PROTECTION **IF EXPOSED TO SPLASHING**OTHER PROTECTIVE CLOTHING OR EQUIPMENT **NONE REQUIRED****WORK/HYGIENIC PRACTICES****NORMAL HYGIENIC PRACTICES ARE ADEQUATE**