

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 2235 MORA DRIVE MOUNTAIN VIEW, CA 94040	TELEPHONE NUMBER FOR INFORMATION 650-965-9900 • FAX 650.964.4400
	DATE PREPARED Aug 15, 2003 V3.7

Section II --- Hazardous Ingredients/Identify Information

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s))
 OSHA PEL ACGIH TLV OTHER LIMITS % (OPTIONAL)

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		

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Section V --- Reactivity Data

[GLASS GLEAM-3 OR 4 PG. 2 V3.7]

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

SIGNS 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