

**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** GG-54004  
**OCCUPATIONAL SAFETY AND** GG-540012  
**HEALTH ADMINISTRATION**

SIMILAR TO FORM OSHA 174

IDENTITY (As Used on Label and List) <b>GLASS GLEAM-3 OR GLASS GLEAM-4 GLASS CLEANER, CONCENTRATED SOLUTION</b>	ACUTE HEALTH FIRE REACTIVITY <b>NFPA 0 0 0</b> 0 = LEAST 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
	EMERGENCY TELEPHONE NUMBER <b>SEE BELOW OR 800-255-3924 EMERG'Y ONLY</b>
Section 1 MANUFACTURER'S NAME <b>TITAN LABORATORIES</b>	TELEPHONE NUMBER FOR INFORMATION <b>650-965-9900 • FAX 650.964.4400</b>
ADDRESS <b>2235 MORA DRIVE MOUNTAIN VIEW, CA 94040</b>	DATE PREPARED <b>March 01, 2001 V3.5</b>

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

**Section IV --- Fire and Explosion Hazard Data**

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

**Section V --- Reactivity Data**

[GLASS GLEAM-3 OR 4 PG. 2 V3.5]

STABILITY : **STABLE**

INCOMPATIBILITY Materials to Avoid )

**NONE**

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

**CO AND CO<sub>2</sub> 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**