

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) <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
<b>Section 1</b> MANUFACTURER'S NAME <b>TITAN LABORATORIES</b>	EMERGENCY TELEPHONE NUMBER <b>SEE BELOW OR 800-255-3924 EMERG'Y ONLY</b>
ADDRESS <b>1071 WRIGHT AVE. MOUNTAIN VIEW, CA 94043</b>	TELEPHONE NUMBER FOR INFORMATION <b>(650) 965-9900</b>
	DATE PREPARED <b>July 11, 2008 V3.72</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 <b>1</b> (N-Butyl Acetate = 1)
SOLUBILITY IN WATER <b>100%</b>	pH: (H <sub>2</sub> O = 7) <b>NEUTRAL, APPROX 7.4</b>

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) <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 V3.72]

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?
	<b>NO</b>	<b>NO</b>	<b>YES</b>

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?
	<b>NO</b>	<b>NO</b>	<b>NO</b>

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**