

## LASERSHOT™ SPRAY & WIPE DEGREASER

Ready-to-use, powerful, heavy duty all purpose degreaser



### FEATURES

- *Powerful, super fast degreaser*
- *Pleasant fragrance*
- *Cleans grease, oils, lipsticks, crayons, etc.*

### RECOMMENDED SURFACES

Before LaserShot is used, test surface to be cleaned in an inconspicuous area for color fastness and surface compatibility.

### PRODUCT DATA

Description:	Powerful, heavy duty all purpose degreaser
Appearance:	Clear red liquid
Fragrance:	Spearmint
Viscosity (Brookfield):	<10 centipoise @ 68°F (20°C)
pH:	11.7± 0.5 ASTM E70-97
Density:	8.3 lb per gal @ 68°F 1.00 kg per liter @ 20°C
Freeze/Thaw:	Passes 3 cycles ASTM D3209-93 (1998)
Shelf Life:	2 years, ASTM D1791-93 (1998)

### PRECAUTIONS

Keep out of reach of children. Keep container sealed when not in use. Avoid freezing. If frozen, allow to return to room temperature slowly and mix thoroughly before using. Combustible. Gloves and safety glasses are recommended.

### ORDERING INFORMATION

Product #323RTU:	32 US oz (0.95 liters) 12 spray bottles per case
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### DIRECTIONS FOR USE:

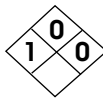
Spray surface and wipe with clean cloth or paper towel. No rinse needed.

# LASERSHOT SPRAY & WIPE DEGREASER

**LAST REVISION DATE:** 12/5/07  
**MANUFACTURER:** Amano Pioneer Eclipse® Corp.  
 Sparta, NC 28675 Phone: 1-336-372-8080  
**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire, Exposure or Accident **CALL CHEMTREC - Day or Night 1-800-424-9300** Toll Free in the Continental US **483-7616** in DISTRICT OF COLUMBIA. For calls originating outside the US: Call Collect **1-202-483-7616** Washington, DC.

**SECTION I: GENERAL INFORMATION**

**PRODUCT NAME:** LaserShot™ Spray & Wipe Degreaser  
**PRODUCT #:** 323RTU  
**PRODUCT TYPE:** Spray and wipe degreaser  
**PRECAUTIONS:** Do not get in eyes, on skin or clothing. Keep container sealed when not in use. Keep out of reach of children.  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0  
**HEALTH:** 1  
**NFPA HAZARD RATINGS**  
 4-EXTREME 3-HIGH 2-MODERATE  
 1-SLIGHT 0-INSIGNIFICANT



**SECTION II: HAZARDOUS INGREDIENTS**

**INGREDIENT:** Ethanol, 2-Amino  
**CAS#:** 141-43-5  
**%:** 1-3  
**OSHA PEL:** 3 ppm (TWA)  
**ACGIH TLV:** 3 ppm (TWA) 6 ppm (STEL)  
**LD<sub>50</sub> SPECIES & ROUTE:** 1.2 g/kg rat, oral

**INGREDIENT:** \*Ethanol, 2-Butoxy  
**CAS#:** 111-76-2  
**%:** 5-10  
**OSHA PEL:** 50 ppm (skin) (TWA)  
**ACGIH TLV:** 20 ppm (skin) (TWA)  
**LD<sub>50</sub> SPECIES & ROUTE:** 0.5g/kg rat, oral

\* This chemical is subject to the reporting requirements of Section 313 of SARA Title III.

N/E = Not Established, N/L = Not Listed  
 N/A = Not Applicable

**SECTION III: PHYSICAL/CHEMICAL DATA**

**APPEARANCE:** Clear red liquid  
**pH:** 11.7 ± 0.5  
**BOILING POINT:** 100°C / 212°F  
**EVAPORATION RATE:** Less than water  
**FREEZING POINT:** 0°C / 32°F  
**VAPOR DENSITY:** Greater than air  
**VOLATILE BY WEIGHT:** 97-99%  
**VAPOR PRESSURE:** Less than water  
**DENSITY:** 8.3 lb per gal @ 68°F  
 1.00 kg per liter @ 20°C  
**SOLUBILITY IN WATER:** Miscible

**SECTION IV: FIRE AND EXPLOSION DATA**

**FLASH POINT:** None  
**EXPLOSIVE LIMITS:**  
 LOWER: N/E UPPER: N/E  
**EXTINGUISHING MEDIA:** Water spray, CO<sub>2</sub>, dry chemical, alcohol-type or universal type foams.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Do not spray a solid stream of water or foam directly into hot liquid. This may cause frothing. Firefighters should wear NIOSH approved breathing apparatus.  
**HAZARDOUS COMBUSTIBLE PRODUCTS:** N/A  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Materials can splatter above 100°C / 212°F.

**SECTION V: REACTIVITY DATA**

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and strong oxidizing agents  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide and nitrogen oxides  
**REACTIVITY CONDITIONS:** None

**SECTION VI: HEALTH HAZARD DATA**

**EYES:** Severely irritating. For eye contact, flush with a large amount of water for at least 15 minutes. See a physician immediately.  
**SKIN:** Irritation, reddening or possible damage upon repeated or prolonged contact. For skin contact, wash affected areas with soap and water. Seek medical attention if irritation persists.  
**INHALATION:** Vapor or mist can cause headache, nausea and irritation of the eyes, nose, throat and lungs. For overexposure, move subject to fresh air. Seek medical attention if symptoms persist.  
**INGESTION:** May cause nausea, abdominal discomfort, vomiting, diarrhea. If ingested, drink two glasses of water or milk and do not induce vomiting. Remove by endotracheal intervention. Seek medical attention immediately.  
**CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Main hazard is due to product's severe irritant properties. Treatment should be directed at the control of symptoms and the clinical condition of the patient.  
**CARCINOGEN:** Non-carcinogenic  
**REPRODUCTIVE EFFECTS:** N/E  
**TERATOGENICITY:** N/E  
**MUTAGENICITY:** N/E  
**THRESHOLD LIMIT VALUE:** See Section II.

**SECTION VII: SPILL, LEAK & DISPOSAL PROCEDURES**

**SMALL SPILLS:** Absorb spill with inert material (e.g. sand, earth) and dispose of as waste material in accordance with local, state and federal regulations.

**LARGE SPILLS:** Keep spectators away. Floors may be slippery; use care to avoid falling. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning runoff out of sewers and open bodies of water.  
**WASTE DISPOSAL:** Dispose of as waste material in accordance with local, state, and federal regulations.

**SECTION VIII: SPECIAL PROTECTION**

**EYE PROTECTION:** Protective eyewear  
**RESPIRATORY PROTECTION:** N/A  
**VENTILATION:** General ventilation is sufficient.  
**OTHER PROTECTIVE EQUIPMENT:** As required by employer code

**SECTION IX: SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE:** Storage temperature (MAX. 60°C / 140°F) (MIN. 1°C / 34°F)  
**OTHER PRECAUTIONS:** Keep from freezing.

**SECTION X: ADDITIONAL INFORMATION**

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This MSDS has been provided to you in accordance with the OSHA HAZARD COMMUNICATION STANDARD (29CFR1910.1200).

\*\*\*IMPORTANT SAFETY INFORMATION  
 DO NOT DISCARD\*\*\*  
 \*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\*

