



Revision 4

# MATERIAL SAFETY DATA SHEET

## Anti Spatter Spray

Revision Date: 3/24/09

Supersedes: 11/25/08

### Section 1 – Identification

**Product Name:** Anti Spatter Spray

**Part Number:** 02116, C02116

**Chemical Name:** Water / surfactant mixture

**Product Use:** A water-based emulsion for releasing welding spatter.

**Manufacturer Information:** LPS Laboratories, 4647 Hugh Howell Rd., Tucker, GA, USA 30084

**TEL:** 1 770-243-8800

**Emergency Telephone Number:** 1-800-424-9300 Chemtrec;  
Outside U.S.: (703) 527-3887

**FAX:** 1 770-243-8899

**Website:** <http://www.lpslabs.com>

#### PLAIN LANGUAGE HAZARD SUMMARY

Material Safety Data Sheets can be confusing. Federal and State laws require us to include a great deal of technical information that probably won't help the non-professional. LPS includes this "PLAIN LANGUAGE HAZARD SUMMARY" to address the questions and concerns of the average worker. If you have additional health, safety or product questions, don't hesitate to call us at 800/241-8334.

#### Worker Toxicity

LPS Anti-Spatter spray is a non-silicone, water-based material which casts a liquid film. It is a non-flammable, water-based emulsion containing a vegetable-derived agent designed for releasing welding spatter. It is not a hazardous substance as defined by 29CFR 1910.1200. For more exposure and first aid information, refer to MSDS Sections 2, 8 and 11.

#### Flammability

LPS Anti-Spatter spray does not have a flash point, and is non-flammable. Please refer to handling and storage section for further information

#### Disposal

Dispose of in accordance with local, state and federal regulations. See section 13 for more details.



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### Section 2 • Hazards Identification

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*This material is considered non-hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.*

**Emergency Overview:** Contents under pressure. Keep away from heat, sparks, and flame.

**Primary route(s) of entry:** Inhalation, eyes, skin.

**Potential Acute Health Effects:**

**Eyes:** Liquid may cause temporary irritation.

**Skin:** Repeated or prolonged contact may cause drying and defatting of skin.

**Inhalation:** May irritate mucosal tissue at high concentrations.

**Ingestion:** Not a likely route of exposure. Ingestion may result in nausea, abdominal discomfort, or diarrhea.

**Potential Chronic Health Effects:**

**Carcinogenic Effects:** NTP: No IARC: No OSHA: No

**Mutagenic Effects:** None

**Teratogenic Effects:** None

**Medical conditions aggravated by exposure:** None known.

**Signs and Symptoms**

Stinging in eyes. Repeated or prolonged skin contact can cause redness, irritation, and scaling of the skin (dermatitis).

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### Section 3 – Composition / Information on Ingredients

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*LPS Anti-Spatter is a fatty ester in an aqueous base. It is not a hazardous substance as defined by 29CFR 1910.1200. This preparation contains no ingredients at or above 0.1% that is classified as hazardous.*

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### Section 4 – First Aid Measures

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**Eyes:** Check for and remove contact lenses. If irritation or redness develops, flush eyes with cool, clean, low pressure water for at least 15 minutes. Hold eyelids apart to ensure complete irrigation of the eye and eyelid tissue. Do not use eye ointment. Seek medical attention if irritation takes place.

**Skin:** If irritation takes place, remove clothing and launder before reuse. Wash skin with soap and rinse with water for at least 15 minutes. Seek medical attention if irritation persists.

**Inhalation:** If liquid is inhaled and this causes irritation or some other health effect, immediately move victim to fresh air. If victim is not breathing, immediately begin rescue breathing. If heart has stopped, immediately begin cardiopulmonary resuscitation (CPR). If breathing is difficult, seek medical attention immediately.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If spontaneous vomiting is about to occur, place victim's head below knees. If victim is drowsy or unconscious, place on the left side with head down. Do not leave victim unattended. Seek medical attention immediately.



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### Section 5 – Fire Fighting Measures

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**Products of Combustion:** Carbon Monoxide and Carbon Dioxide.

**Firefighting media:**

**Small Fire:** Use DRY chemical powder.

**Large Fire:** Foam, dry chemical, carbon dioxide. Cool containing vessels with water jet in order to prevent pressure build-up, auto ignition or explosions.

**Sensitivity to Impact:** None

**Sensitivity to Static Discharge:** None

**Protection Clothing (Fire):** Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.

**Special Remarks on Explosion Hazards:** Aerosols may explode upon heating.

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### Section 6 – Accidental Release Measures

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**Containment Procedures**      **Small Spill and Leak:**      Absorb with an inert material and dispose of properly.

**Large Spill and Leak:**      Absorb with an inert material and dispose of properly.

**Clean-Up Procedures**      Wear appropriate personal protective equipment. Absorb spill with an inert material such as clay, vermiculite or diatomaceous earth. Place slurry in an approved chemical waste container for disposal. Wash spill area with detergent and water. Before discharging rinse water to sanitary sewer system, consult local regulations.

**Evacuation Procedures**      Ventilate area of leak or spill. Keep unnecessary and unprotected people away.

**Special Procedures**      Ventilate area. Wear appropriate protective equipment during cleanup.

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### Section 7 – Handling and Storage

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**Handling procedures;**      DO NOT spray into or around ignition sources. After handling, always wash hands thoroughly with soap and water. Use only with adequate ventilation. Use appropriate personal protective equipment and avoid direct contact with skin.

**Storage Precautions:**      Keep container in a cool, well-ventilated area. DO NOT store near sources of ignition (spark or flame). Store below 120°F. Keep out of the reach of children.



**Section 8 – Exposure Controls / Personal Protection**

<b>Engineering measures</b>	Provide local and/or general exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.
<b>Personal protective equipment</b>	
<b>Eye protection</b>	None normally anticipated. Safety goggles/Glasses should be worn if there is possibility of splashing.
<b>Hand protection</b>	Use protective gloves as needed to prevent prolonged or repeated contact.
<b>Respiratory protection</b>	None required.

**Section 9 • Physical and Chemical Properties**

<b>Appearance:</b>	Liquid	<b>Color:</b>	Straw, Opaque, Milky
<b>Odor/Taste:</b>	Bland	<b>Vapor Pressure:</b>	Not Established
<b>Solubility Description:</b>	Soluble in water	<b>Evaporation Rate:</b>	1(Water =1)
<b>Boiling Point:</b>	98.9°C (210°F)	<b>Flash Point (°C):</b>	None
<b>Specific Gravity (Water=1):</b>	0.985	<b>Flash Point Method:</b>	TCC
<b>Vapor Density (air=1):</b>	Not Established	<b>Auto Ignition Temperature (°C):</b>	Not Established
<b>Flammable limits (estimated):</b>	Not Established	<b>Partition Coefficient (octanol/water):</b>	Not Established
<b>pH:</b>	8.5 – 9.0	<b>% Volatility volume:</b>	25%

**Section 10 – Chemical Stability and Reactivity**

<b>Chemical Stability:</b>	Product is stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Extreme heat and freezing.
<b>Incompatibility:</b>	None under typical use circumstances. Reacts with substances that react with water.
<b>Hazardous Decomposition:</b>	Will not occur.
<b>Hazardous Polymerization:</b>	Will not occur.

**Section 11 – Toxicological Information**

**A: General Product Information**

An acute toxicity study of this product has not been conducted. Information given in this section relates only to individual constituents contained in this preparation.

**B: Component Analysis**

*This preparation contains no ingredients at or above 0.1% that is classified as hazardous.*



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### Section 12 – Ecological Information

**Mobility:** Low volatility. Will absorb into soil. **Persistence and degradability:** 100% biodegradable / inert.

**Bioaccumulative potential:** No bioaccumulation potential **Other adverse effects:** None known.

### Section 13 – Disposal Considerations

**Waste Status:** Aerosol products, if depressurized and emptied to less than 2.5 cm of fluid contents are classified as non-hazardous waste under 40 CFR 261.7 (U.S.). If disposed of in its received form, an aerosol carries waste codes D003. (U.S.).

**Disposal:** Waste must be disposed of in accordance with national, regional, provincial, and local environmental control regulations.

**Note:** Chemical additions to, processing of, or otherwise altering this material may make this waste management information inaccurate, incomplete, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive than federal laws and regulations.

### Section 14 – Transportation Information

D.O.T. Ground	<b>Shipping Name:</b>	Consumer Commodity	<b>UN Number:</b>	NA
	<b>Hazard Class:</b>	ORM-D	<b>Technical Name:</b>	NA
	<b>Subclass:</b>	NA	<b>Hazard Label:</b>	ORM-D Already on box
Road/Rail - ADR/RID :	<b>UN no:</b>	1950	<b>ADR Class:</b>	2
	<b>Packing group:</b>	N/A	<b>Classification code:</b>	5A
	<b>Name and Description:</b>	AEROSOLS, asphyxiant	<b>Hazard ID no:</b>	N/A
	<b>Labeling:</b>	2.2		
IMDG-IMO	<b>UN no:</b>	1950	<b>Class:</b>	2.2
	<b>Shipping Name:</b>	AEROSOLS	<b>Subsidiary Risk:</b>	N/A
	<b>Labeling:</b>	Non-flammable Gas	<b>Packing group:</b>	N/A
	<b>Marine pollutant:</b>	NO	<b>EmS:</b>	F-D, S-U
IATA-ICAO:	<b>UN no:</b>	1950	<b>Class:</b>	2.2
	<b>Shipping Name:</b>	Aerosols, non-flammable	<b>Subclass</b>	N/A
	<b>Packing group:</b>	203, Y203 (Ltd. Qty.)	<b>Packing instructions:</b>	N/A
	<b>Labeling:</b>	Non-Flammable gas		



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### Section 15 – Regulatory Information

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#### U.S. Federal Regulations

RCRA Hazardous Waste No.: D003

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): None

#### Toxic Substances Control Act (TSCA):

All components of this product are TSCA inventory listed and/or are exempt.

#### Superfund Amendments and Reauthorization Act (SARA) Title III

##### SARA Section 311/312 (40 CFR 370) Hazard Categories:

Sudden Release of Pressure

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372): None

Section 112 Hazardous Air Pollutants (HAPs): None

#### State Regulations

**California:** This product does not contain chemical(s) known to the State of California to cause cancer, birth defects or reproductive harm.

**California and OTC States:** This product is not regulated by consumer product regulations.

#### New Jersey Right to Know:

Water 7732-18-5 • Lecithin 8002-43-5 • Nitrogen 7727-37-9 • Nonylphenoxypolyethoxyethanol 127087-87-0 • 2-Amino-2-methyl-1-propanol 124-68-5

#### International Regulations

**Canadian Environmental Protection Act:** All of the components of this product are included on the Canadian Domestic Substances list (DSL).

#### Canadian Workplace Hazardous Materials Information System WHMIS:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**WHMIS Classification:** Class A



Montreal Protocol listed ingredients:	None.
Stockholm Convention listed ingredients:	None.
Rotterdam Convention listed ingredients:	None.
RoHS Compliant:	Yes.



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## Section 16 • Other Information

MSDS#12116 Responsible Name: Clea Johnson Regulatory Affairs Coordinator	HMIS 1996		HMIS III		<p>NFPA Flammability</p> <p>Health      Reactivity</p>
	Health:	0	Health:	0	
	Flammability:	0	Flammability:	0	
	Reactivity:	0	Physical Hazard:	2	

**Notice to Reader:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Clea L Johnson, Regulatory Affairs Coordinator  
LPS Laboratories  
A division of Illinois Tool Works