



PWS Parts Washer Solvent

MSDS Number: PWS

Revision Date: 03/09/12

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: PWS Parts Washer Solvent
Revision Date: 03/09/12
MSDS Number: PWS
Product Code: 128-PWS, 5-PWS, & 55-PWS
Manufacturer: The Blaster Corporation
8500 Sweet Valley Drive
Valley View, Ohio 44125

(216) 901-5800
(216) 901-5801 fax
www.blasterproducts.com

24 Hour emergency contact: Chemtrec (800) 424-9300

2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Percent	Exposure Limits
Light Hydrotreated Distillate	64742-47-8	>95%	OSHA (PEL)- not established ACGIH (TLV)- not established

3 HAZARDS IDENTIFICATION

Route of Entry: Eyes, skin, inhalation, ingestion
Target Organs:
Inhalation: Inhalation of spray mist may cause irritation to the respiratory tract.
Skin Contact: Repeated or prolonged contact with skin may cause mild irritation and possibly dermatitis.
Eye Contact: Likely to cause immediate or delayed irritaion. Irritation will show as redness and/or swelling of the eyes.
Ingestion: Low degree of toxicity by ingestion. Aspiration Hazard! This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

May aggravate pre-existing skin and respiratory disorders.

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue to monitor. Get medical attention.
Skin Contact: Remove contaminated clothing immediately! Wash skin with soap and water. If irritation develops, seek medical attention.



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Eye Contact: Flush eye(s) with water for 15 minutes. Get medical attention. If eye irritation persists, obtain medical treatment.

Ingestion: Do not induce vomiting. Get medical attention or advice.

5 FIRE FIGHTING MEASURES

Flash point: 149 F (65 C) Cleveland Closed Cup^{oo}

Flammable properties: Combustible by OSHA criteria. NFPA Rating Fire = 2. Materials that must be moderately heated or exposed to relative high ambient temperatures before ignition can occur. Heat may cause the containers to explode. Runoff to sewer may cause fire or explosion hazard.

Extinguishing media: Water fog. Foam. Carbon dioxide (CO₂). Alcohol resistant foam. Powder. Dry chemicals.

Unsuitable extinguishing media: Water. Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: Fire may produce irritating, corrosive and/or toxic gases.

Protective equipment and precautions for firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.

Fire fighting equipment/instructions: In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

6 ACCIDENTAL RELEASE MEASURES

In case of spill or release, avoid vapors and ignition sources. Use appropriate protective devices and absorbents. Stop and contain the discharge if it can be done safely. Keep out of drains and waterways. Handle with trained personnel only. Notify authorities as required by law.

7 HANDLING AND STORAGE

Handling Precautions: Use in accordance with good industrial workplace practices. Avoid unnecessary contact. Wash thoroughly after handling. Use with good ventilation.

Storage Requirements: Keep containers tightly closed and in a cool well-ventilated place. Always store this material in closed labeled containers. Store away from strong oxidizers.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Eye wash stations and emergency showers should be immediately available.

Protective Equipment: Eyes and Face: Standard safety glasses with splash shields typically offer adequate protection. Where excessive splashing or spraying is possible, a face shield should be used.

Skin and clothing: Excessive contact should be avoided. Nitrile gloves, boots and aprons will provide adequate protection when contact cannot be avoided. Remove and wash any contaminated clothing immediately. Wash thoroughly after handling.



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Respiratory: Good general ventilation should be sufficient to control airborne levels. Maintain airborne concentrations below OSHA established exposure limits listed below.

Exposure Guidelines/Other:

Exposure limits for this material have not been established. However, tests on similar materials have demonstrated the following exposure limits:

OSHA PEL: TWA 500ppm, 2000 mg/m³
ACGIH TLV: not established

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	colorless	Boiling Point:	365 F
Physical State:	liquid	Freezing/Melting Pt.:	Not Determined
Odor:	mild petroleum	Solubility:	Negligible
pH:	Not Determined	Spec Grav./Density:	0.8132
Vapor Pressure:	0.62 torr @ 68°F, ASTM D2879		
Vapor Density:	Not Determined		
Heat Value:	Not Determined		
VOC:	> 99.6 % EPA Method 24		
Evap. Rate:	Not Determined		
Bulk Density:	Not Determined		
Octanol:	Not Determined		
Molecular Weight:	Not Determined		
Particle Size:	Not applicable		
Softening Point:	Not applicable		
Viscosity:	Not Determined		
Percent Volatile:	Not Determined		
Sat. Vap. Concentrat.:	Not Determined		
Molecular Formula:	Not Determined		

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STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to avoid:	Not available.
Materials to avoid (incompatibility):	Avoid contact with strong oxidizing agents.
Hazardous Decomposition products:	No hazardous decomposition products are known.
Hazardous Polymerization:	Will not occur.



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11 TOXICOLOGICAL INFORMATION

Product Test Results

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (64742-47-8)

Acute Dermal LD50 Rabbit: > 2000 mg/kg

Acute Inhalation LC50 Rat: > 5.2 mg/l 4 Hours

Acute Oral LD50 Rat: > 5000 mg/kg

Local effects Toxic by inhalation.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12 ECOLOGICAL INFORMATION

Ecotoxicological data

Product Test Results

LC50 Rainbow trout, donaldson trout (*Oncorhynchus mykiss*): 2.9 mg/l 96 hours

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (64742-47-8)

* Estimates for product may be based on additional component data not shown.

Ecotoxicity Contains a substance which causes risk of hazardous effects to the environment.

Environmental effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Aquatic toxicity This material is not expected to be harmful to aquatic life.

Persistence and degradability Not available.

13 DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

14 TRANSPORT INFORMATION

Not regulated as a hazardous material.



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REGULATORY INFORMATION

CERCLA/SARA - Section 311/312 (Title III Hazard Categories)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Acute Health: No
Chronic Health: No
Fire Hazard: Yes
Pressure Hazard: No
Reactive Hazard: No

CERCLA/SARA - Section 313 and 40 CFR 372:

This material contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372:
--None Known-

EPA (CERCLA) Reportable Quantity (in pounds):

--None Known-

CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQs (in pounds):

This material contains the following chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372:
-- None Known -

California Proposition 65:

Warning: This material may contain the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):

-- None Known --

Carcinogen Identification:

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. See Section 11 for carcinogenicity information of individual components, if any.

TSCA

Hazardous Component(s) subject to reporting on the TSCA List.

US federal regulations:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

VOC Regulations:

This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

Consumer Product Safety Act General Conformity Certification:

This product was evaluated by The Blaster Corporation, and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location listed in Section 1 of this MSDS. The date of manufacture is stamped on the product container.



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16 OTHER INFORMATION

Manufacturer's Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither The Blaster Corporation 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 which exist.

HMS Ratings

Health:	2
Fire:	2
Reactivity	0

END OF MSDS DOCUMENT