

SAFETY DATA SHEET

WORKING COPY

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Date issued : 03/16/2023
SDS number : Parts Washer Solvent**Parts Washer Solvent****1. Identification****Product identifier:** Parts Washer Solvent**Product description:** Parts Cleaning Compound**Manufacturer / Supplier**Build-All
5203 W. Clinton Ave.
Milwaukee, WI 53223**Emergency contact:** Doug Polomsky**Customer Service:** 800-558-2148**Web:** www.build-all.com**Emergency telephone number (24 hour)****AAPCC Poison Help :** (800) 424-9300**CANUTEC (Canadian Transportation) :** (613) 996-6666**CHEMTREC (US Transportation) :** (800) 424-9300**2. Hazard identification****Classification of the substance or mixture**

This material is considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable Liquids, Category 4

Health hazards:

Target Organ Toxicity (Single exposure), Category 3

Aspiration Hazard, Category 1

Acute Toxicity (Inhalation), Category 4

Skin Irritation, Category 2

Eye Irritation, Category 2B

Environmental hazards:

Acute Hazards to the Aquatic Environment, Category 3

Label elements

Combustible Liquid

Health
hazardExclamation
mark**Signal word:** DANGER**Hazard statement(s)**

H227: Combustible liquid.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H402: Harmful to aquatic life.

H315 + H320: Causes skin and eye irritation.

Precautionary statement(s)**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

227039TD: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

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P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P304+P312: IF INHALED: Call a POISON CENTER/doctor/...if you feel unwell.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P302+P352: IF ON SKIN: Wash with plenty of water/...
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P363: Wash contaminated clothing before reuse.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.
 P405: Store locked up.

Disposal:

P501: Dispose of contents and container in accordance with local regulations.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Distillates, Petroleum, Hydrotreated Light	> 97	64742-47-8
Dipropylene Glycol Methyl Ether	< 1	34590-94-8

4. First-aid measures

Eye: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin: Remove contaminated clothing and shoes. Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Ingestion: Get medical attention immediately. Call a poison center or physician. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. Call doctor. If vomiting occurs, keep head below hip to prevent aspiration of liquid into lungs.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Most important symptoms and effects, both acute and delayed

Eye: Adverse symptoms may include pain or irritation, watering, and redness.

Skin: Adverse symptoms may include irritation and redness.

Ingestion: Adverse symptoms may include nausea and vomiting.

Inhalation: Harmful if inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness.

Indication of immediate medical attention and special treatment needed, if necessary: If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by endotracheal intubation or by placement of the body in a trendelenburg and left lateral decubitus position.

5. Fire-fighting measures

Flammable class: Combustible Class 2 liquid.

General hazard: Do not use water jet.

Suitable extinguishing media: Use dry chemical, CO₂, water spray (fog) or foam.

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Hazardous combustion products: On combustion, may emit toxic fumes of carbon monoxide.

Explosion hazards: Above flash point, vapor-air mixtures are explosive within flammable limits noted. Vapors can flow along surfaces to distant ignition sources and flash back. Contact with strong oxidizers may cause fire. Sealed containers may rupture when heated. This material may produce a floating fire hazard. Sensitive to static discharge.

Fire fighting procedures: Promptly remove all persons from the vicinity of the incident if there is a fire. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Fire fighting equipment: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Fire explosion: In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous decomposition products: Decomposition products may include carbon dioxide and carbon monoxide.

6. Accidental release measures

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop if water-soluble. Alternately, or if water-soluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

General procedures: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air). Water polluting material. May be harmful to the environment if released in large quantities.

Special protective equipment: Put on appropriate personal protective equipment (protective gloves, clothing, eye protection, and face protection). Wear appropriate respirator when ventilation is inadequate. Use explosion-proof equipment. Use only non-sparking tools.

7. Handling and storage

Precautions for safe handling: Loosen closure cautiously before opening. Keep away from heat and flame. Follow all SDS/label precautions even after container is emptied because it may retain product residues.

Conditions for safe storage: Store in accordance with local regulations. Store in a segregated and approved area in original container protected from sunlight in a dry, cool and well-ventilated and approved area away from incompatible materials. Keep container closed to prevent drying out. Move container away from oxidizing materials. Use appropriate containment to avoid environmental contamination.

Electrostatic accumulation hazard: Always bond receiving containers to the fill pipe before and during loading. Always confirm that the receiving container is properly grounded. In addition to bonding and grounding, efforts to mitigate these hazards may include proper ventilation and/or the reduction of transfer velocities.

8. Exposure controls/personal protection

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Parts Washer Solvent**Exposure controls**

Control parameters				
Chemical name	Occupational exposure limit values			
	Type		ppm	mg/m ³
Dipropylene Glycol Methyl Ether	OSHA PEL	TWA	100	600
		ACGIH TLV	TWA	100
		STEL	150	909

Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures, such as personal protective equipment

Eye / face protection: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Skin protection - hand protection: Glove permeation data does not exist for this material. Viton or heavy nitrile rubber gloves should be used for splash protection only.

Respiratory protection: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Skin protection - other: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

Occupational hygiene practices: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. Physical and chemical properties

Appearance: Clear green liquid

Odor: Hydrocarbon solvent odor

Physical state comments: Combustible Liquid

pH: ug/l- Asterias Rubensg/l- Asterias RubensNA = Not Applicable

Melting point: -49°C (-56.2°F)

Initial boiling point and boiling range: 192°C (377.6°F) to 205°C (401°F)

Flash point: 67°C (153°F) Tag Closed-Cup (ASTM D56)

Evaporation rate (n-butyl acetate = 1): < 1

Lower explosion limit / flammability limit: 0.8%

Upper explosion limit / flammability limit: 6.0%

Vapor pressure: 0.5 mm Hg

Relative vapor density: > 1 Air=1

Density: 6.66 at 21.1°C (70°F)

Relative density: 0.8

Solubility: This product is insoluble in water

Auto-ignition temperature: > 220°C (428°F)

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VOC content: 8 g/l

10. Stability and reactivity

Reactivity: Not expected to be explosive, self-reactive, self-heating, or an organic peroxide under US GHS definitions.

Dangerous polymerization: Product will not undergo polymerization.

Chemical stability: Stable under ordinary conditions of use and storage.

Conditions to avoid: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

Incompatible materials: Strong oxidizers like liquid chlorine, acids, concentrated oxygen, sodium hypochlorite, and calcium hypochlorite.

11. Toxicological information

Acute toxicity

Acute dermal toxicity LD₅₀: > 3000 mg/kg

Notes: Rabbit

Acute oral toxicity LD₅₀: > 5000 mg/kg

Notes: Rat

Acute inhalation toxicity LC₅₀: > 5500 mg/kg

Notes: Rat

Germ cell mutagenicity: No known significant effects or critical hazards.

Carcinogenicity

IARC: Not listed

NTP: Not listed

OSHA: Not listed

Reproductive toxicity: No known significant effects or critical hazards.

12. Ecological information

Ecotoxicological information: This mixture contains components that are potentially toxic to freshwater and saltwater ecosystems.

Aquatic toxicity, both acute and chronic

96-hour LC₅₀: > 1000 ug/l- Fish

48-hour EC₅₀: > 1000 mg/l- Aquatic invertebrates

96-hour EC₅₀: > 1000 mg/l- Algae

Notes: Toxic to aquatic life with long lasting effects.

Persistence and degradability: This product is immiscible with water and is not inherently biodegradable.

Bioaccumulative potential: Has the potential to bioaccumulate.

Other adverse effects: This product will normally float on water. Components will evaporate rapidly. This material may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment. The log Kow value for this product is expected to be in the range of 3.3-6.

13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized whenever possible. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an RCRA approved incinerator or disposed in an RCRA approved waste facility. Dispose in accordance with all local, state, and federal regulations.

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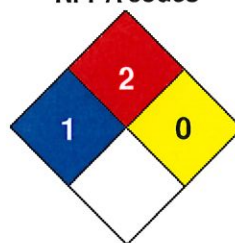
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Parts Washer Solvent**For large spills:** Do not allow product to reach sewage system.**Product disposal:** Disposal must be made according to official regulations.**Empty container:** Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container.**RCRA hazard class:** RCRA classification- D018**14. Transport information****USA Department of Transport Regulations (DOT)****UN proper shipping name:** Not regulated under 49 CFR**ICAO / IATA - air****UN proper shipping name:** Use International Regulations**IMO / IMDG - International****UN proper shipping name:** Combustible Liquid,N.O.S.,(Contains Solvent Naphtha)**15. Regulatory information****UNITED STATES****TSCA (The Toxic Substances Control Act)**

Chemical name	CAS No.
Distillates, Petroleum, Hydrotreated Light	64742-47-8
Dipropylene Glycol Methyl Ether	34590-94-8

16. Other information**Prepared by:** Mike Ryniec **Date Prepared:** 03/16/2023**HMIS rating**

Health	1
Flammability	2
Physical hazard	0
Personal protection	H

NFPA codes**Manufacturer disclaimer:** While reasonable care has been taken to ensure the accuracy and completeness of the information regarding the material described herein, it is the purchaser's responsibility to ensure the suitability of such information as it applies to the purchaser's intended use of the material. Build-All, LLC assumes no responsibility resulting from the use of this SDS.