

Parts Solv High Flash (Rev 1/9/24)

SDS Number: S2504E

Revision Date: 1/9/2024

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Identifier: Parts Solv High Flash (Rev 1/9/24)
SDS Number: S2504E
Product Code: S2504
Revision Date: 1/9/2024
Product Use: Parts Washing Solvent

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 4
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Aspiration hazard, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H227 - Combustible liquid
H315 - Causes skin irritation
H320 - Causes eye irritation
H305 - May be harmful if swallowed and enters airways

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 - Wash contaminated clothing before reuse.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P311 - Call a POISON CENTER or doctor/physician.
P264 - Wash thoroughly after handling.

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P271 - Use in a well-ventilated area.
 P233 - Keep container tightly closed. Keep cool.
 P501 - Dispose of contents/container in accordance to local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eye, inhalation, ingestion, skin
Target Organs: NA
Inhalation: Nasal and respiratory irritation and central nervous system depression
Skin Contact: Causes irritation
Eye Contact: Causes irritation
Ingestion: Irritation of digestive tract and central nervous system effects.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Ingredients: | |
|-----------------------|---|
| CAS# | % Chemical Name: |
| 64742-47-8 | >90% Distillates, petroleum, hydrotreated light |

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.
Skin Contact: Wash off with soap and water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops and persists.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.
Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

5 FIRE FIGHTING MEASURES

Flammability: Combustible
Flash Point: 146 Deg. F.
Flash Point Method: TCC
 Extinguishing media: Foam, dry chemical, carbon dioxide, water
 Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing. Use water spray only to cool containers exposed to fires.

Unusual Fire & Explosion Hazard: Can form combustible mixtures with air when heated to approximately 143 Deg. F. will not flash spontaneously.

6 ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid any contact with the skin and eyes.

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Remove ignition sources. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container. Provide ventilation.

7 HANDLING AND STORAGE

Handling Precautions: Warning: Combustible liquid. Store in a cool, fire resistant area. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and

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open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practices. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Storage Requirements:

Warning: Combustible liquid. Store in a cool, fire resistant area. Handle all containers carefully. Keep out of reach of children. Keep container tightly closed and in a well-ventilated place. Do not store at temperatures above 49 C/120 F. Store in a cool dry, climate controlled area, away from incompatibles, sparks and open flame. Keep out of reach of children.

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EXPOSURE CONTROLS/PERSONAL PROTECTION
Engineering Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equipment:

Respiratory Protection: Use a NIOSH/MSHA -approved respirator in poorly ventilated areas or when permissible exposure limits may be exceeded.

Protective gloves: Chemical resistant, Nitrile/ Neoprene

Eye protection: Safety glasses/goggles /face shield

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

Exposure Limits:

Distillates (petroleum), hydrotreated light (CAS # 64742-47-8)

ACGIH TLV (United States, 3/2019).

Absorbed through skin.

TWA: 200 mg/m³, (as total hydrocarbon vapor) 8 hours.

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PHYSICAL AND CHEMICAL PROPERTIES
Appearance:

Clear colorless

Physical State:

Liquid

Spec Grav./Density:

(H₂O=1): 0.78 +/- 0.1

Viscosity:

Not determined

Boiling Point:

360 - 410 Deg. F.

Vapor Pressure:

Not available

pH:

Not available

Evap. Rate:

Not available

Odor:

Petroleum

Solubility:

Insoluble in water

Percent Volatile:

Not determined

Freezing/Melting Pt.:

Not available

Flash Point:

146 Deg. F.

Vapor Density:

(Air=1): Not available

VOC:

Not available

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STABILITY AND REACTIVITY
Chemical Stability:

Stable and non-reactive under normal conditions of use, storage and transport.

Conditions to Avoid:

Avoid all possible sources of ignition (spark or flame).

Materials to Avoid:

Strong oxidizers

Hazardous Decomposition:

Carbon dioxide, carbon monoxide and various hydrocarbons

Hazardous Polymerization:

Will not occur

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TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Petroleum distillate (CAS 64742-47-8)

Acute

Oral LD50 >5000 mg/kg (Rat)

Inhalation LC50 >5500 ppm, 4 hrs (Rat)

Dermal LD50 >2000 mg/kg (Rabbit)

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ECOLOGICAL INFORMATION

Acute Toxicity:

Distillates (petroleum), hydrotreated light (CAS # 64742-47-8)

Aquatic Toxicity

Algae EC50 >1000 mg/l, 72 hours

Daphnia LC50 >1000 mg/l Fresh water, 48 hours

Persistence and degradation:

OECD 301F Ready Biodegradability-Manometric Respirometry Test- 69%-Readily-28 days

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DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.

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TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

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REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[>90%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

TSCA = Toxic Substances Control Act

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OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined

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