

SAFETY DATA SHEET

Section 1: Identification

GHS PRODUCT IDENTIFIER: Solv All Parts Washer Solvent

Manufactured for:

Kimball Midwest Inc.

4800 Roberts Road

Columbus, OH 43228

EMERGENCIES: 800-424-9300

Synonyms: Aliphatic Solvent

Uses: Industrial and institutional cleaning

7/15/19

Section 2: Hazards Identification

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard.

Classification of substance: Flammable liquids: Category 4

Skin irritation: Category 2

Eye irritation: Category 2A

Aspiration hazard: Category 1

GHS Label Elements

Hazard pictograms:



Signal word: Danger

Hazard Statements:

Combustible liquid

May be fatal if swallowed and enters airway

Causes eye irritation

Causes skin irritation

Precautionary Statements:

Prevention

Wear eye / face protection/protective gloves

Wash after handling product

Keep away from flames and hot surfaces. No smoking.

Response

In case of fire use a CO₂, dry chemical or inert gas (e.g. Nitrogen) type fire extinguisher.

In case of large fire, use foam, water spray or fog. Do not use water jet.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

Take off any contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do.

Continue rinsing. If eye irritation persists, get medical advice/attention.

If swallowed: Immediately call poison control center or doctor. Do not induce vomiting.

Unknown acute toxicity of ingredient >1%

None present and not applicable

Storage

Store in a well ventilated place

Keep cool

Store locked up

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified

Sparks may ignite liquid and vapor and cause a flash fire.

Section 3 Composition / Information on ingredients

Hazardous mixtures of other liquids, solids, or gases:

Ingredient	CAS #	%Present	TLV (Units)/ permissible concentration
Petroleum distillate	64742-47-8	100%	500ppm for 8 hour TWA 2000 mg/m3

Synonym: Aliphatic Solvent

There are no additional ingredients present.

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Section 4 : First Aid Measures

Description of necessary first aid measures:

Eye contact: Remove contact lenses immediately and discard. Gently flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin contact:

Remove any contaminated clothing. Flush skin with plenty of water for at least 15 minutes. If irritation persists then seek medical attention.

If swallowed

Seek medical attention immediately. Contact poison control or a doctor. Do not induce vomiting. Do not leave victim unattended. Never give anything by mouth if victim is unconscious and not responsive.

Most important symptoms/effects, acute and delayed.

Eye contact: Irritation or redness of the eyes. Pain. Watering of the eyes.

Inhalation: Nausea or vomiting.

Headache

Drowsiness / fatigue

Dizziness / vertigo

Unconsciousness

Skin contact: Skin irritation

Redness

Dryness

Cracking

Ingestion: Nausea or vomiting

Indication of immediate medical attention and special treatment needed.

Note to physician: If ingested, this product is a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal or gastric lavage.

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Section 5: Fire fighting measures

Extinguishing media information:

Suitable extinguishing media: Carbon dioxide, foam or dry chemical.

Specific hazards arising from the chemical:

NFPA Class IIIA Combustible liquid. Decomposition products include carbon dioxide and carbon monoxide.

Unsuitable extinguishing media: Do not use water jet.

Special protective equipment: Fire fighters should wear appropriate protective gear and self contained breathing apparatus.

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Section 6 Accidental release measures

Personal precautions: Use personal protective equipment.
Ensure adequate ventilation. Shut off all sources of ignition.
Wear appropriate respirator when ventilation is not adequate.

Methods and materials for containment and clean up.

Small spill: Stop leak if can be done so safely. Absorb with an inert absorbent material and place in an appropriate waste disposal container.
Dispose of in accordance with Federal, State and local regulations using a licensed waste disposal contractor.

Large spills: Prevent product from entering drains or waterways. Recover free liquid with an inert absorbent material. Put all material into appropriate waste containers. Dispose of in accordance with Federal, State and local regulations using a licensed waste disposal contractor.

Section 7 Handling and storage

Precautions

For safe handling: Put on appropriate personal protective equipment.
Ensure all equipment is electrically ground prior to transfer operations.
Avoid formation of aerosol.
Do not breathe vapors.
Avoid contact with skin or eyes.
No smoking or eating while product is in use.
Insure adequate ventilation.

Conditions for safe storage

Store material in a no smoking area. Keep away from any sources of ignition. Keep container tightly closed in a dry and well ventilated area. Observe label precautions. Incompatible materials to avoid: Strong oxidizing agents.

Section 8: Exposure controls and personal protection

Components	CAS number	Type of exposure	Exposure limits /Permissible concentration
Petroleum distillate	64742-47-8	TWA 8 hours	500 ppm/ (2000 mg/m ³)
Hydrotreated light			

Appropriate engineering controls: Effective ventilation in all processing areas

Individual protection measures

Respiratory protection: In areas of insufficient ventilation, wear suitable respiratory equipment.
Eyes: Safety glasses or splash proof goggles are recommended.
Skin: Nitrile or rubber gloves. Check with glove manufacture for additional information about chemical resistance guidelines.
Rubber apron or impervious clothing may be used for jobs where product

contact is likely.

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Product: Solv All Parts Washer Solvent

Section 9 Physical and chemical properties

Physical state: Liquid.

Color: Transparent and colorless

Odor: Characteristic hydrocarbon solvent type odor.

Odor threshold: Not determined.

pH: Not available

Melting point: -49° C, (-56.2° F)

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

Flash point: 152 degrees f. (Closed cup method)

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

Lower and upper explosive limits: Lower: 0.8%

(flammable) limits: Upper: 6%

Vapor pressure: .32 mm Hg@20 degrees C.

Vapor density (Air = 1) : >1

Relative density: .800

Solubility in water: Very slightly soluble in cold water

Partition coefficient :n-octanol/water: Not determined

Auto-ignition temperature: 233°C, 453°F, ASTM E 659

Decomposition temperature: No data available.

Viscosity: 1.8 cSt @ 20°C, 68°F; ASTM D-287

Section 10: Stability and reactivity

Reactivity: Not expected to be explosive, self reactive or self heating.

Chemical stability: Stable

Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid:

Avoid all possible sources of ignition. Do not pressurize, cut, weld, braze, drill, grind or expose containers to heat or sources of ignition. Do not allow vapors to accumulate in low or confined areas. Do not store with strong oxidizing agents.

Incompatible

materials:

Do not mix with acids, oxidizers or any other chemical substance.

Hazardous

Decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 Toxicological information

Information on most likely

routes of exposure:

Routes of entry anticipated: Oral, Dermal, Ingestion and inhalation.

Potential acute health effects

Eye contact:

Causes eye irritation

Skin contact:

Causes skin irritation and defatting to the skin.

Inhalation:

May be fatal if swallowed and enters the airway.

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Section 11 Toxicological information

Symptoms related to the physical, chemical and toxicological characteristic.

Eye contact:	Pain or irritation Watering Redness
Skin contact:	Irritation Redness Dryness Cracking
Inhalation:	Nausea or vomiting Headache Drowsiness or fatigue Dizziness Unconsciousness
Ingestion:	Nausea or vomiting

Delayed and immediate effects and also chronic effects from short and long term exposure.

Short term exposure:

Potential immediate effects:	Not determined
Potential delayed effects:	Not determined

Long term exposure:

Potential immediate effects:	Not determined
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Potential chronic health effects

General:	Prolonged or repeated contact can lead to irritation or dermatitis.
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Carcinogenicity: No known ingredient is listed as a carcinogen.

Numerical measures of toxicity

Component: Petroleum distillates, hydrotreated light.

Acute oral toxicity:	LD50 Rat: > 5,000 mg./kg
Acute dermal toxicity:	LD50 rabbit 2000-4000 mg./kg
Acute inhalation toxicity	LC50 rat >4.6 ,g/l. Exposure time: 6 hrs.
Skin corrosion/irritation:	Primary irritation (rabbit) : 1.2 (Max. is 8.0)
Eye damage/irritation:	Primary irritation (rabbit); 1 hour, 3.0 (Max is 110)

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Section 12 Ecological Information

Ecotoxicity: Not determined

Persistence and degradability: Readily biodegradable

Bioaccumulative potential: Not determined.

Mobility in soil: Not determined

Aquatic Ecotoxicity: Not toxic to aquatic organisms (Fish, daphnia, algae) up to water solubility.

Other adverse effects: None known.

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Section 13 Disposal considerations

Waste code: Any unused product or empty containers may be disposed of as non-hazardous waste in accordance with state and federal requirements.

Disposal methods: Dispose of material in accordance with Federal, State and Local requirements.

Empty containers: Empty containers retain product residue and can be dangerous. Do not pressurize, cut, weld, drill, grind or expose to heat or sources of ignition. Containers may explode and cause injury or death. Empty drums and containers should be properly rinsed, drained and resealed and sent to an approved container recycling facility.

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Section 14 Transport Information

U.S. Dept of Transportation (D.O.T)

Proper Shipping Name: Not regulated, product does not sustain combustion

Hazard class: NA

Packing group: NA

IMDG: Not regulated

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Section 15 Regulatory Information

OSHA Hazards: Combustible liquid.

TSCA: The ingredients in this product are listed on the TSCA inventory.

Canada: Domestic Substances List (DSL) Inventory: Listed

Mexico: National Inventory of Chemical substances: Listed

US EPA CERCLA Hazardous substances: None

SARA TITLE 3

302: Not subject to reporting requirements

304: None

311/312 HAZARD CATEGORIES

Fire hazard, Acute health

313 REPORTABLE INGREDIENTS

None.

CALIFORNIA PROPOSITION 65 INFORMATION:

This product does not contain any chemicals recognized by the state of California to cause cancer and or birth defects or reproductive harm.

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Section 16 Notes

HAZARD RATING SYSTEMS:

	HMIS	NFPA	KEY
HEALTH	1	1	4=SEVERE
FLAMMABILITY	2	2	3=SERIOUS
REACTIVITY	0	0	2=MODERATE
			1=SLIGHT

0=MINIMAL

Disclaimer:

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