

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).
Revision Date: 03/17/2022 Date of Issue: 03/27/1998 Supersedes Date: 07/21/20 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Substance

Product Name: Safety-Kleen Odorless Mineral Spirits Solvent

Product Code: 6657

CAS Number: 64742-48-9

SDS No. : 82739

Synonyms: Odorless parts washer solvent; Odorless degreasing solvent; High Isoparaffinic content petroleum distillates/petroleum; Mineral Spirits

1.2. Intended Use of the Product

Cleaning and degreasing metal parts. For professional use only.

1.3. Name, Address, and Telephone of the Responsible Party

Manufacturer

Safety-Kleen Systems, Inc.
42 Longwater Drive
Norwell, MA 02061-9149
1-800-669-5740

www.safety-kleen.com

Supplier in Canada

Safety-Kleen Systems, Inc.
25 Regan Road
Brampton, Ontario L7A 1B2
Canada

1.4. Emergency Telephone Number

Emergency Number : 1-800-468-1760

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Flam. Liq. 3 H226

Asp. Tox. 1 H304

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)



Signal Word (GHS-US/CA)

: Danger

Hazard Statements (GHS-US/CA)

: H226 - Flammable liquid and vapor.
H304 - May be fatal if swallowed and enters airways.

Precautionary Statements (GHS-US/CA)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take action to prevent static discharges.
P280 - Wear protective gloves, protective clothing, and eye protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P331 - Do NOT induce vomiting.



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P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name	Synonyms	Product Identifier	% *
Naphtha, petroleum, hydrotreated heavy	Naphtha (petroleum), hydrotreated heavy / Naphtha, (petroleum), hydrotreated heavy / Hydrotreated heavy naphtha / Hydrotreated heavy naphtha (petroleum) / Naphtha (petroleum), hydrotreated heavy - low boiling point thermally cracked naphtha / Isopar 350 / White spirit type 3 / Aliphatic oil / Naphtha, petroleum, hydrotreated heavy (A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6-13 and boiling in the range of approximately 65-230°C.) / Synthetic isoparaffin, C6-13 / Naphtha (petroleum), hydrotreated heavy - low boiling point hydrogen treated naphtha / C10-12 ALKANE/CYCLOALKANE / Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha / Naphtha, petroleum, hydrotreated, heavy / Ligroine (petroleum), hydrotreated heavy / c9-11 alkane/cycloalkane / Hydrocarbons, C9-11, n-alkanes, isoalkanes, cyclics, < 2% aromatics / Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).]	(CAS-No.) 64742-48-9	100

3.2. Mixture

Not applicable

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Immediately remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician. If vomiting occurs, keep head below waistline.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: May be fatal if swallowed and enters airways.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Prolonged exposure may cause skin irritation.



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Eye Contact: May cause slight irritation to eyes.

Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Flammable liquid and vapor.

Explosion Hazard: May form flammable or explosive vapor-air mixture.

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Eliminate ignition sources first, then ventilate the area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable.

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Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray. Take precautionary measures against static discharge. Use only non-sparking tools.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place. Store locked up/in a secure area.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Cleaning and degreasing metal parts. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

Personal Protective Equipment: Gloves. Protective clothing. Protective safety glasses. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Safety glasses with side shields.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Colorless to clear yellow liquid
Odor	: Petroleum
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: 51 °C (123.8 °F)(minimum)



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Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20°C	: Not available
Relative Density	: Not available
Specific Gravity	: 0.76
Solubility	: Not available
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
VOC Content	: 100%; 6.4 LB/US gal; 766 g/l as per 40 CFR Part 51.100(s). Consult with your state/local air pollution control agency and their rules/regulations for specific direction in your specific area.

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.
- 10.2. Chemical Stability:** Flammable liquid and vapor. May form flammable or explosive vapor-air mixture.
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition may produce: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

- Acute Toxicity (Oral):** Not classified
- Acute Toxicity (Dermal):** Not classified
- Acute Toxicity (Inhalation):** Not classified
- LD50 and LC50 Data:** Not available
- Skin Corrosion/Irritation:** Not classified
- Eye Damage/Irritation:** Not classified
- Respiratory or Skin Sensitization:** Not classified
- Germ Cell Mutagenicity:** Not classified
- Carcinogenicity:** Not classified
- Specific Target Organ Toxicity (Repeated Exposure):** Not classified
- Reproductive Toxicity:** Not classified
- Specific Target Organ Toxicity (Single Exposure):** Not classified
- Aspiration Hazard:** May be fatal if swallowed and enters airways.
- Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.
- Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation.
- Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.
- Symptoms/Injuries After Ingestion:** Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.
- Chronic Symptoms:** None expected under normal conditions of use.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Naphtha, petroleum, hydrotreated heavy (64742-48-9)

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LD50 Oral Rat	> 6000 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
LC50 Inhalation Rat	> 8500 mg/m ³ (Exposure time: 4 h)

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

Naphtha, petroleum, hydrotreated heavy (64742-48-9)

LC50 Fish 1	2200 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
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12.2. Persistence and Degradability

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Persistence and Degradability	Not established.
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12.3. Bioaccumulative Potential

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Bioaccumulative Potential	Not established.
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12.4. Mobility in Soil

Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

49CFR170.150(f)(1); NON-BULK PACKAGES (≤119 Gallons / 450 L)(Shipments via vessel and aircraft must use bulk shipping description.): Shipping Name: Cleaning compounds (petroleum naphtha)(Not US DOT Regulated) **BULK PACKAGES (>119 Gallons / 450 L):**Shipping Name: Combustible liquid, n.o.s. (petroleum naphtha)

Proper Shipping Name : COMPOUNDS, CLEANING LIQUID
Hazard Class : 3
Identification Number : NA1993
Label Codes : 3
Packing Group : III



14.2. In Accordance with IMDG

Proper Shipping Name : PETROLEUM DISTILLATES, N.O.S.CONTAINS : Naphtha, petroleum, hydrotreated heavy
Hazard Class : 3
Identification Number : UN1268
Label Codes : 3
Packing Group : III
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E



14.3. In Accordance with IATA

Proper Shipping Name : PETROLEUM DISTILLATES, N.O.S. CONTAINS : Naphtha, petroleum, hydrotreated heavy

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Hazard Class : 3
Identification Number : UN1268
Label Codes : 3
Packing Group : III
ERG Code (IATA) : 3L



14.4. In Accordance with TDG

TDG GENERAL EXEMPTION 1.33: NON-BULK PACKAGES/ SMALL MEANS OF CONTAINMENT (≤450 L)(Shipments via vessel and aircraft must use bulk shipping description): Shipping Name: Cleaning compounds (petroleum naphtha)(Not Canada TDG Regulated) BULK PACKAGES (> 450 L) Shipping Name: PETROLEUM DISTILLATES, N.O.S (Petroleum Naphtha)

Proper Shipping Name : PETROLEUM DISTILLATES, N.O.S.CONTAINS : Naphtha, petroleum, hydrotreated heavy
Hazard Class : 3
Identification Number : UN1268
Label Codes : 3
Packing Group : III



SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Safety-Kleen Odorless Mineral Spirits Solvent	
SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Aspiration hazard
Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

15.2. US State Regulations

15.2. US State Regulations

California Proposition 65



WARNING: This product can expose you to Benzene, p-Dichlorobenzene, Ethylbenzene, and Naphthalene, which are known to the State of California to cause cancer and Benzene and Toluene which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Benzene (71-43-2)	X	X		X
Ethylbenzene (100-41-4)	X			
Naphthalene (91-20-3)	X			
p-Dichlorobenzene (106-46-7)	X			
Toluene (108-88-3)		X		

15.3. Canadian Regulations

Naphtha, petroleum, hydrotreated heavy (64742-48-9)
Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 06/04/2021

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

Asp. Tox. 1	Aspiration hazard Category 1
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Flam. Liq. 3	Flammable liquids Category 3
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways

The information contained herein is correct to the best of our knowledge, information, and belief and is designed only as guidance for the handling, use, processing, storage, transportation, disposal, and release of the product. User assumes all risks incident to use of this product and shall determine the quality and suitability of the product for its use. Supplier offers no warranty, express or implied, whatsoever, including warranties of merchantability or fitness for a particular purpose or otherwise, and specifically disclaims any and all liability for incidental, consequential, or other damages arising out the use or misuse of the product. The information provided relates only to the specific material provided and may not be valid if used in combination with any other materials or process, unless specified herein.

NA GHS SDS 2015 (Can, US)