



Safety Data Sheet for
Stoddard Solvent and Mineral Spirits
According to ISO 11014:2009

First Issue Date: 06-Mar-2024
Revision Date: 06-Mar-2024
Version: 0

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: Stoddard Solvent and Mineral Spirits

Product codes: STD, STD05, BMS 5, BMS 55, BSS 5, BSS 55

Relevant identification uses of the substance and uses advised against:

Identified uses: Mineral spirits for cleaning metal.

Uses advised against: No other uses are advised.

Details of the Supplier of the Safety Data Sheet:

The Berkebile Oil Company

1216 Red Brant Rd

Somerset, PA 15501

+1-(814)-443-1656

Emergency telephone numbers:

24-hour Emergency Contact:

CHEMTRIC 24-hour: +1-800-424-9300 (USA)

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Hazard classes/Hazard categories:

Flammable liquid (Category 3)

Aspiration toxicity (Category 1)

Label elements:

Hazard pictograms:



Signal word: Danger.

Hazard statements:

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

Precautionary statements:

Prevention

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

P242 Use non-sparking tools.

Response

P301 + P316 IF SWALLOWED: Get emergency medical help immediately.



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P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water.

P331 Do NOT induce vomiting.

Storage

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

P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local/national regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
Distillates (petroleum), hydrotreated light	64742-47-8	0-100%	-	Asp. Tox. 1 H304
	265-149-8			
Solvent naphtha (petroleum), medium aliph.	64742-88-7	0-100%	-	Asp. Tox. 1 H304 Flam. Liq. 3 H226
	265-191-7			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

Description of first aid measures:

Inhalation: Move to well-ventilated area. Monitor for respiratory distress, administer oxygen and assist ventilation as required. In case of accident or unwellness, seek medical advice immediately (show directions for use or Safety Data Sheet if possible).

Skin: Remove contaminated, saturated clothing immediately. Wash area with soap and water for 10 to 15 minutes.

Eyes: Remove contact lenses. Irrigate exposed eyes with 0.9% normal saline if available or water for at least 15 minutes. Irrigate before and after removing the lenses to prevent a carry-over of the substances to the shielded area of the lens.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/ physician. Do NOT induce vomiting. If vomiting does occur, have victim lean forward to reduce risk of aspiration.

Most important symptoms and effects, both acute and delayed:

Eye contact: May cause mild reversible eye irritation.

Ingestion / aspiration: Incidental oral exposure: aspiration hazard; may be fatal if it enters the airways after swallowing.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.



Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguishing media: Water fog, dry chemical powder, carbon dioxide, sand or earth.

Unsuitable extinguishing media: Do not use direct water jets on the burning product; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Combustion products: Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds. If sulfur compounds are present in appreciable amounts, combustion products may include also H₂S and SO_x (sulfur oxides) or sulfuric acid.

Protective equipment for firefighters: In case of a large fire or in confined or poorly ventilated spaces wear full fire-resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Stop or contain leak at the source if safe to do so. Avoid direct contact with released material. Stay upwind. In case of large spillages, alert occupants in downwind areas. Keep non-involved personnel away from the area of spillage. Alert emergency personnel. Except in case of small spillages, the feasibility of any actions should always be assessed and advised, if possible, by a trained, competent person in charge of managing the emergency. Eliminate all ignition sources if safe to do so (e.g. electricity, sparks, fires, flares).

Environmental precautions: Keep away from drains, water and soil. Advise authorities if spilled material has entered water courses or sewer or has contaminated soil or vegetation.

Methods for containment and cleaning up:

Spillages onto land: Prevent product from entering sewers, rivers, waterways or other bodies of water. If necessary, dike the product with dry earth, sand or similar non-combustible materials. Large spillages may be cautiously covered with foam, if available, to limit vapor cloud formation. Do not use direct jets. When inside buildings or confined spaces, ensure adequate ventilation. Absorb spilled product with suitable non-combustible materials. Collect free product with suitable means. Transfer collected product and other contaminated materials to suitable containers for recycle, recovery or safe disposal. In case of soil contamination, remove contaminated soil and treat in accordance with local regulations.

Spillages on water or at sea: In case of small spillages in closed waters (i.e. ports), contain product with floating barriers or other equipment. Collect spilled product by absorbing with specific floating absorbents. If possible, large spillages in open waters should be contained with floating barriers or other mechanical means. Control the spreading of the spillage. Collect the product by skimming or other suitable mechanical means, only if fire/explosion risks can be adequately prevented. The use of dispersants should be advised by an expert, and, if required, approved by local authorities. Collect recovered product and other materials in suitable tanks or containers for recovery or safe disposal.



Section 7: Handling and Storage

Precautions for safe handling:

Take precautionary measures against static electricity. The vapor is heavier than air. Beware of accumulation in pits and confined spaces. Do not use compressed air for filling, discharging, or handling operations. Avoid contact with skin and eyes. Do not ingest. Avoid breathing vapors. Use personal protective equipment as required. For more information regarding protective equipment and operational conditions see exposure scenarios.

Hygiene measures: Ensure that proper housekeeping measures are in place. Keep away from food and beverages. Do not eat, drink or smoke while using this product. Wash the hands thoroughly after handling. Change contaminated clothes at the end of working shift.

Conditions for safe storage, including incompatibilities:

Storage installations should be designed with adequate bunds so as to prevent ground and water pollution in case of leaks or spills. Cleaning, inspection and maintenance of internal structure of storage tanks must be done only by properly equipped and qualified personnel as defined by national, local or company regulations. Store separately from oxidizing agents.

Recommended materials for storage: For containers, or container linings use mild steel, stainless steel.

Unsuitable materials: Some synthetic materials may be unsuitable for containers or container linings depending on the material specification and intended use. Compatibility should be checked with the manufacturer.

Specific end uses: Refer to Section 1.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits: Does not contain any substances with Occupational Exposure Limits.

Exposure controls:

Appropriate engineering controls: Use local exhaust ventilation if concentrations in air could exceed occupational exposure standard.

Individual protection measures, such as personal protective equipment:

Eye protection: Goggles or face shield, if splashes or contact with eyes is possible or anticipated.

Hand protection: Work gloves providing adequate chemical resistance, specifically to aromatic hydrocarbons.

Body protection: Normal antistatic working clothes are usually adequate.

Respiratory protection: A half or full-face respirator with filter.

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance (form): Liquid.

Color: Colorless.

Odor: Hydrocarbon-like, solvent-like.

Odor threshold: No data available.

pH: No data available.

Melting point/range (°C): No data available.



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Boiling point/range (°C): No data available.
Flash point (°C): 40 °C
Evaporation rate: No data available.
Flammability: No data available.
Upper/lower flammability limits: No data available.
Vapor pressure (20 °C): No data available.
Relative density (25 °C): No data available.
Water solubility (g/L) at 20 °C: No data available.
n-Octanol/Water partition coefficient: No data available.
Auto-ignition temperature: No data available.
Viscosity, dynamic (mPa.s): No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability: Stable under recommended conditions of use and storage.
Conditions to avoid: Sparks, flames and other ignition sources.
Incompatible materials: Oxidizing agents.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

Information on toxicological effects:
Acute toxicity: No data available.
Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: Not listed by ACGIH, IARC, NTP, or California Proposition 65.
Reproductive toxicity: No data available.
STOT-single exposure: No data available.
STOT-repeated exposure: No data available.
Aspiration hazard: May be fatal if swallowed or enters airways.

Section 12: Ecological Information

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT& vPvB assessment: No data available.

Section 13: Disposal Considerations

Product: Dispose of in accordance with all local regulations.
Contaminated packaging: Recycle if possible.



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Section 14: Transport Information

UN number: 1268

UN proper shipping name: Petroleum Distillates (Stoddard Solvent).

Transport hazard class: 3

Packing group: III

Environmental hazards: No

Special precautions for user: Refer to Sections 6 - 8

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding restrictions: None known.

EU Regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

US Regulations:

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Title III Section 311/312 Hazard Categorization: Chronic Health Hazard, Fire Hazard.

SARA Title III Section 313 Supplier Information: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CERCLA Section 102(a) Hazardous Substance: This material does not contain any chemical components with CERCLA reportable quantities.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Disclaimer: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.