

SAFETY DATA SHEET

A906

according to OSHA Hazard Communication 29 CFR Part 1910.1200

SECTION 1: IDENTIFICATION

Product Name: Odorless Mineral Spirits Product Code: 10108

Supplied By:

Commerce Industrial Chemicals, Inc.
5611 W. Woolworth Avenue
Milwaukee, WI 53218
(800) 877-8364

In case of emergency:

Commerce Industrial Chemicals, Inc.
(800) 877-8364

SECTION 2: HAZARD IDENTIFICATION

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Mutagen	1B	Known to produce heritable mutations in human germ cells Subcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ≥ 20.5 mm ² /s at 40° C.

GHS Hazards

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H340	May cause genetic defects
H350	May cause cancer

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P331	Do NOT induce vomiting
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313	IF exposed or concerned: Get medical advice/attention
P370+P378	In case of fire: Use ... for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to ...

Danger



SECTION 3: COMPOSITION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Naphtha, petroleum, heavy alkylate 64741-65-7 100.00 percent	No Data Found	No Data Found	No Data Found

SECTION 4: FIRST AID MEASURES

Inhalation:

- Move victim to fresh air.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult
- Vapors may cause dizziness or suffocation.
- Inhalation or contact with material may irritate or burn skin and eyes.
- Call 911 or emergency medical service.

Eye Contact:

- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.

Skin Contact:

- May cause toxic effects if inhaled or absorbed through skin.
- Remove and isolate contaminated clothing and shoes.
- Wash skin with soap and water.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Call 911 or emergency medical services.

Ingestion:

- Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.

Notes to Physician:

- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
- Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to high concentrations of hydrocarbon solvents (e.g. in enclosed spaces or with deliberate abuse). the use of other drugs with less arrhythmogenic potential should be considered. If sympathomimetic drugs are administered, observe for the development of cardiac arrhythmias.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: 51 C (124 F)

- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.

Caution: This product has a very low flashpoint: Use of water spray when fighting fire may be inefficient.

Caution: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective.

Small Fire:

- Dry chemical, CO₂, water spray or alcohol-resistant

Large Fire:

- Water spray, fog or alcohol-resistant foam.
- Do not use straight streams.
- Move containers from fire area if you can do it without risk.

Hazardous Combustion Products:

- Combustion may yield smoke, carbon monoxide and other products of incomplete combustion.

Special protective actions for firefighters:

For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective clothing. When the potential chemical hazard is severe, in addition, wear other appropriate protective equipment as conditions warrant.

FIREFIGHTING EQUIPMENT:

Dry chemical, CO₂, water spray or alcohol-resistant foam.

SECTION 6: ACCIDENTAL RELEASE MEASURES

-Highly Flammable-Will be easily ignited by heat, sparks or flames.

- Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled materials.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- A vapor suppressing foam may be used to reduce vapors.
- Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers.
- Use clean non-spraying tools to collect absorbed material.

LARGE SPILLS:

- Dike far ahead of liquid spill for later disposal.
- Water spray may reduce vapor; but may not prevent ignition in closed spaces.

SECTION 7: HANDLING AND STORAGE

Handling:

- Keep away from ignition sources such as heat/sparks/open flame. No Smoking.
- Use only in a well ventilated area.
- Avoid breathing vapor, fumes or mist.
- Avoid contact with eyes, skin, and clothing.
- Ground and bond containers when transferring material.
- Use spark-proof tools and explosion proof equipment.
- Always open containers slowly to allow any excess pressure to vent.
- After opening, purge container with nitrogen before reclosing.
- Follow all SDS/label precautions even after containers are emptied because

they may retain product residue.

STORAGE:

- Keep away from heat, sparks, and flame.
- Store containers in a cool, well ventilated place.
- Keep containers closed when not in use.
- Storage under nitrogen atmosphere is recommended.
- Do not allow to evaporate to near dryness.
- Protect from direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Naphtha, petroleum, heavy alkylate 64741-65-7			

Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety or engineering professionals.

RESPIRATORY PROTECTION: Wear positive pressure self-contained breathing apparatus (SCBA).

PROTECTIVE CLOTHING: Structural firefighters' protective clothing will only provide limited protection.

SKIN PROTECTION: Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed-suit, boots.

EYE PROTECTION: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent)

OTHER PROTECTIVE EQUIPMENT: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

HYGENIC PRACTICES: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety or engineering professionals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<p>Appearance: Light colored liquid</p> <p>Vapor Pressure: 0.07 kPa @ 20C</p> <p>Vapor Density (Air = 1) 5.3</p> <p>Density: No Data</p> <p>Freezing point: No Data</p> <p>Boiling range (F): 175 - 195</p> <p>Evaporation rate (Butyl Acetate = 1): .1</p> <p>Explosive Limits (% Vol): 0.6-7.0</p> <p>Autoignition temperature: 658F</p> <p>Viscosity: No Data</p>	<p>Odor: Hydrocarbon</p> <p>Odor threshold: No Data</p> <p>pH: No Data</p> <p>Melting point: No Data</p> <p>Solubility: Negligible</p> <p>Flash point (F): 124 F (TCC)</p> <p>Flammability: No Data</p> <p>Partition coefficient (n-octanol/water): No Data</p> <p>Decomposition temperature: No Data</p> <p>Grams VOC less water: No Data</p>
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SECTION 10: STABILITY AND REACTIVITY

Stability:

UNSTABLE

Incompatibilities:

Avoid contact with strong oxidizing agents and strong reducing agents .

Hazardous Decomposition:

Not anticipated under normal conditions of use.

Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Mixture Toxicity**Component Toxicity**

Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

Information of Toxicological Effects:

Aspiration Hazard: May be fatal if swallowed and enters airways.

Skin Corrosion/Irritation: Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Eye Damage/Irritation: Causes mild eye irritation.

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
64741-65-7	Naphtha, petroleum, heavy alkylate	100.00	Naphtha, petroleum, heavy alkylate: EU REACH: Present (P)

SECTION 12: ECOLOGICAL INFORMATION

Component Ecotoxicity

Naphtha, petroleum, heavy alkylate	48 Hr LC50 Mysidopsis bahia: 2 mg/L
	72 Hr EC50 Pseudokirchneriella subcapitata: 30000 mg/L

SECTION 13: DISPOSAL CONSIDERATIONS

Always dispose of any waste in accordance with all local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Petroleum Products, N.O.S.	UN1268	PG III	3

SECTION 15: REGULATORY INFORMATION

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
USA	CERCLA TSCA	No No

SECTION 16: OTHER INFORMATION

Hazardous Material Information System (HMIS)

HEALTH	1	HMIS & NFPA Hazard Rating Legend * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
FLAMMABILITY	2	
PHYSICAL HAZARD	0	
PERSONAL PROTECTION	X	

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Reviewer Revision

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