



SAFETY DATA SHEET

01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:
SUPPLIER NAME:

Caraway Oil
141 Campanelli Drive
Braintree, MA 02184 USA
(617)472-9300

TELEPHONE NUMBER:
RECOMMENDED USE:
EMERGENCY TELEPHONE NUMBER:

For manufacturing and repackaging use only
Chemtrec 1-800-424-9300 (24 hrs)

02. HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
CLASSIFICATION ACCORDING TO
THE REGULATION (EC) NO. 1272/2008:

Flammable Liquids, Hazard Category 4; H227. Acute toxicity, Dermal, Hazard Category 4; H312

LABEL ELEMENTS:



SIGNAL WORD:
HAZARD STATEMENTS:

Warning
H227: Combustible liquid
H312: Harmful in contact with skin
P210: Keep away from heat, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/eye protection /face protection.
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off all contaminated clothing immediately. Rinse skin with water/shower.
P312: Call a POISON CENTER or doctor/ physician if you feel unwell.
P322: Specific treatment (see supplemental first aid instructions)
P363: Wash contaminated clothing before reuse.
P370+P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P403+P235: Store in well ventilated place. Keep cool.
P501: Dispose of contents/container to an approved waste disposal plant.
Not available

PRECAUTIONARY STATEMENTS:

OTHER HAZARDS:

03. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME:
BOTANICAL NAME:
CAS NUMBER:

Caraway Oil
Carum carvi
8000-42-8



HAZARDOUS COMPONENTS:

Component	Classification	Concentration
Caraway Oil	Flam. Liq. 4; Acute tox 4. H227, H312	100%

04. FIRST AID MEASURES

GENERAL ADVICE:

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

INHALATION:

If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

SKIN CONTACT:

Wash off with soap and plenty of water. Consult a physician.

EYE CONTACT:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

INGESTION:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Consult a physician.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

The most important known symptoms and effects are described in section 2.2 and/or section 11.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No data available

05. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

For small (incipient) fires, use media such as "alcohol" foam, dry chemical or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:
ADVICE FOR FIREFIGHTERS:

Nature of decomposition products not known
Wear self-contained breathing apparatus for firefighting if necessary.

FURTHER INFORMATION:

Use water spray to cool unopened containers

06. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection, see section 8.



ENVIRONMENTAL PRECAUTIONS:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

Contain spillage and then collect with an electronically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).
For disposal, see section 13.

REFERENCE TO OTHER SECTIONS:

07. HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition. No smoking. Take measures to prevent the buildup of electrostatic charge.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS:

Contains no substances with occupational exposure limit values.

EXPOSURE CONTROLS:

APPROPRIATE ENGINEERING CONTROLS:

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of the workday.

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION:

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

SKIN PROTECTION:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

BODY PROTECTION:

Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

RESPIRATORY PROTECTION:

Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved



CONTROL OF ENVIRONMENTAL EXPOSURE:

under appropriate government standards such as NIOSH (US) or CEN (EU). Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

09. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Colorless liquid
ODOR:	Characteristic
pH:	No data available
MELTING POINT/FREEZING POINT:	No data available
INITIAL BOILING POINT/BOILING RANGE:	193-231°C (379-448°F) – lit.
FLASH POINT:	62°C (148°F)
EVAPORATION RATE:	No data available
FLAMMABILITY (SOLID, GAS):	No data available
RELATIVE DENSITY:	0.91 g/cm ³ at 25°C (77°F)
WATER SOLUBILITY:	No data available
AUTO-IGNITION TEMPERATURE:	No data available
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY:	No data available
EXPLOSIVE PROPERTIES:	No data available
OXIDIZING PROPERTIES:	No data available

10. STABILITY & REACTIVITY

REACTIVITY:	No data available
CHEMICAL STABILITY:	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	No data available
CONDITIONS TO AVOID:	Heat, flames and sparks
INCOMPATIBLE MATERIALS:	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	No data available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	No data available
INHALATION:	No data available
DERMAL:	No data available
SKIN CORROSION/IRRITATION:	No data available
SERIOUS EYE DAMAGE/EYE IRRITATION:	No data available
RESPIRATORY OR SKIN SENSITIZATION:	No data available
GERM CELL MUTAGENICITY:	No data available
CARCINOGENICITY:	
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.



REPRODUCTIVE TOXICITY: No data available
SPECIFIC TARGET ORGAN TOXICITY:
SINGLE EXPOSURE: Inhalation – May cause respiratory irritation
REPEATED EXPOSURE: No data available
ASPIRATION HAZARD: No data available

12. ECOLOGICAL INFORMATION

TOXICITY: No data available
PERSISTENCE AND DEGRADABILITY: No data available
BIOACCUMULATIVE POTENTIAL: No data available
MOBILITY IN SOIL: Not available
RESULTS OF PBT AND vPvB ASSESSMENT: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
OTHER ADVERSE EFFECTS: No data available

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:
PRODUCT: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of as unused product.
CONTAMINATED PACKAGING:

14. TRANSPORT INFORMATION

DOT (US):
UN NUMBER: 1266
PROPER SHIPPING NAME: Perfumery Products
PACKING GROUP: III
IMDG: Not dangerous goods
IATA: Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 COMPONENTS: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 COMPONENTS: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.
SARA 311/312 HAZARDS: Fire Hazard, Acute Health Hazard
MASSACHUSETTS RIGHT TO KNOW COMPONENTS: No components are subject to the Massachusetts Right to Know Act.
PENNSYLVANIA RIGHT TO KNOW COMPONENTS: Caraway Oil – CAS# 8000-42-8
NEW JERSEY RIGHT TO KNOW COMPONENTS: Caraway Oil – CAS# 8000-42-8



16. OTHER INFORMATION

FULL TEXT OF HAZARD STATEMENT CODES IN SECTION 2:

Acute tox.	Acute toxicity
Flam. Liq.	Flammable liquids
H227:	Combustible liquid
H312:	Harmful in contact with skin
HMIS RATING:	
HEALTH HAZARD:	1
CHRONIC HEALTH HAZARD:	
FLAMMABILITY:	2
PHYSICAL HAZARD:	0
NFPA RATING:	
HEALTH HAZARD:	1
FIRE HAZARD:	2
REACTIVITY HAZARD:	0

Essential oils must be diluted prior to use. It is the sole responsibility of the user to determine the method and amount of dilution required for safe use, which may vary depending on the nature of the intended use. Keep away from children and pregnant women.

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although Jedwards International, Inc. believes the above information to be accurate based on the information available to Jedwards, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Jedwards meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Jedwards International, Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.