

Safety Data Sheet

Version: 3.0 EN

Product name: Ethyl Propionate

1 SUBSTANCE/MIXTURE & COMPANY IDENTIFICATION

Product identifier

Product Name Ethyl Propionate
Product Number 771-2035

Relevant identified use of the substance/mixture and uses advised against

Use of Substance/Mixture Flavor and fragrance agents

Details of supplier of the SDS

Company O'Laughlin Corporation Limited
Address Suite 1704 Chinachem Tower 34 - 37 Connaught Road, Central, Hong Kong
Telephone (852) 2527 1031
Fax (852) 2529 0231

Emergency telephone number

(852) 2527 1031

2 HAZARD (S) IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flammable liquids, Category 3, H225

Skin corrosion/irritation, Category 2, H315

Serious eye damage/eye irritation, Category 2A, H319

Specific target organ systemic toxicity - single exposure; Respiratory tract irritation, Category 3, H335

Labelling elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram



Signal word

Danger

Hazard Statement

H225 - Highly flammable liquid and vapour.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

Precautionary statement

Prevention

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.



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P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

P303 + P361 + P353 -IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER/doctor/.../if you feel unwell.

Storage

P405 - Store locked up.

Disposal

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

Hazards Not Otherwise Classified No information available

Supplemental Hazard Information No information available

3 COMPOSITION/INFORMATION ON INGREDIENT

Substance Name	Ethyl Propionate
CAS Number	105-37-3
EC Number	203-291-4
% (w/w)	100

Remarks: The rest unspecified ingredients are impurities, and they are not hazard.

4 FIRST AID MEASURES

Description of first aid measures:

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 Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

General information

Consult a physician. Show this safety data sheet to the doctor in attendance.

Indication of any immediate medical and special treatment needed: No information available.

5 FIRE-FIGHTING MEASURES

Firefighting:

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguish media Do not use a solid water stream as it may scatter and spread fire.



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Protective equipment and precautions for firefighters:

Specific hazards during firefighting	Carbon oxides.
Specific protective equipment for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighter's protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.
Specific methods	Use water spray to cool unopened containers
General fire hazards	Static charges generated by emptying package in or near flammable vapor may cause flash fire.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
Environmental precautions	Do not let product enter drains. Discharge into the environment must be avoided.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7 STORAGE & HANDLING

Storage	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.
Handling	Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.
Specific end use(s)	No information available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Components with workplace control parameters.

Exposure controls

Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection Safety glasses with side-shields conforming to EN166 Use equipment for eye protection



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	tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Hand protection	Type of gloves recommended: Butyl rubber. Minimum breakthrough time / gloves: 480 min. Minimum thickness / gloves 0.11 mm.
Body protection	Impervious 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 under appropriate government standards such as NIOSH (US) or CEN (EU).
Thermal hazards	Wear suitable protective clothing to prevent heat.
Environmental exposure controls	Avoid discharge into the environment. According to local regulations, Federal and official regulations.
Industrial hygiene	When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9 PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Colorless liquid
Odor	Fruity, rum odor
Acid Value	2.0 Max
Specific Gravity	0.886-0.889 at 20 °C
Refractive Index	1.383-1.385 at 20 °C
Auto ignition temperature	No information available.
Partition coefficient octanol/water	No information available.
Viscosity	No information available.

10 STABILITY & REACTIVITY

Reactivity	Stable under normal temperatures and pressures.
Chemical stability	Stable at room temperature in closed containers under normal storage and handling conditions.
Possibility of hazardous reactions	No hazardous reactions known.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Strong oxidizing agents, strong reducing agents, strong bases.
Hazardous decomposition products	No information available.



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11 TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	No information available.
Skin contact	Causes skin irritation.
Eye contact	No information available.
Ingestion	No information available.

Information on toxicological effects

Oral/Parenteral Toxicity

oral-rat LD50	3500 mg/kg
intraperitoneal-rat LD50	1200 mg/kg
intraperitoneal-mouse LD50	1158 mg/kg
Dermal Toxicity	skin-rabbit LD50 > 5000 mg/kg
Germ cell mutagenicity	No information available.

Carcinogenicity

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.
IARC	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.
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 OSHA.
NTP	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 information available
Target Organ Systemic Toxicant - single exposure:	No information available.
Target Organ Systemic Toxicant - repeated exposure:	No information available.
Aspiration hazard:	No information available.

12 ECOLOGICAL INFORMATION

Eco toxicity

Persistence and degradability	No information available.
Bio accumulative potential:	No information available.
Partition coefficient n-octanol / water (log Kow)	No information available.
Mobility in soil:	No information available.
Results of PBT&vPvB assessment:	No information available.
Other adverse effects:	No information available.



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13 DISPOSAL CONDITIONS

Disposal instructions

Do not discharge into drains, water course or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous water code

No information available.

Waste from residues/unused products

Empty containers or liner may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied

14 TRANSPORT INFORMATION

	ADN	ADR	RID	DOT BULK	DOT NON-BULK	IATA	IMDG
UN Number	1195						
Shipping Name	Ethyl Propionate						
Hazard Class	3						
Packing group	II						
Environmental Hazards	No						
Label required	3						

15 REGULATORY INFORMATION

US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA Hazards Substance List (40 CFR 302.4)

Listed

OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050)

Not listed

SARA 302 Extremely hazardous substances

Not listed

SARA 311/312 Hazard Chemical

Listed

SARA 313 (TRI reporting)

Not regulated

Other federal regulations

CAA Section 112 Hazardous Air Pollutant List

Not regulated

CAA Section 112 (r) Accidental Release Prevention (40 CFR 68.130)

Not regulated

Safe Drinking Water Act (SDWA)

Not regulated



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US State regulations

US - Minnesota Haz Subs: Hazardous substance	Listed
US. Massachusetts RTK-Substance List	Listed
US. New Jersey Worker and Community Right-to-Know Act	Listed
US. Pennsylvania Worker and Community Right-to-Know Law	Listed
US. Rhode Island RTK	Listed
US. California Proposition 65	Not listed

International Inventories

Country or region	Inventory name	On inventory (yes/no)
Australia	AICS	Yes
Canada	DSL	Yes
Canada	NDSL	No
China	IECSC	Yes
Europe	EINECS	Yes
Europe	ELINCS	No
Japan	ENCS	Yes
Korea	ECL	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	PICCS	Yes
US and Puerto Rico	TSCA	Yes

16 OTHER INFORMATION

Revision Information

Date of this version: Aug 11, 2023

Declaration to reader

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. O'Laughlin Corporation Limited, shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.