



Section 1 – Company Information

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Toll Free US & Canada: (800)255-3924
All other Origins: (813) 248-0585
Collect Calls Accepted

Section 2 – Product Identification/ Information on Ingredients

PRODUCT NAME Butyl Acrylate
CAS NUMBER 141-32-2
FORMULA $C_7H_{12}O_2$

PRODUCT	CAS NUMBER	% BY WEIGHT
Butyl Acrylate	141-32-2	100%

Section 3 – Hazards Identification

Emergency Overview

OSHA Hazards:

Flammable Liquid, Harmful by ingestion. Harmful by skin absorption. Skin sensitizer, Irritant

Other hazards which do not result in classification: Lachrymator.

HMIS Classification

Health Hazard: 2

Flammability: 3

Physical hazards: 0

NFPA Rating

Health Hazard: 2

Fire: 3

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Skin: Harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: Harmful if swallowed.

Section 4 – First Aid Measures

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

If inhaled: If breathed in, move person into fresh air. If not breathing give artificial respiration



Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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

Section 5 – Fire Fighting Measures

Flammable properties:

Flash point: 36 °C (97 °F) - closed cup

Ignition temperature: 293 °C (559 °F)

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 protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Further information: Use water spray to cool unopened containers.

Section 6 – Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

Section 7 – Handling & Storage

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.

Storage: Keep container tightly closed in a dry and well-ventilated place. Store in cool place. Light sensitive. Store under inert gas.

Section 8 – Exposure Controls & Personal Protection

Personal protective equipment

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose 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).

Hand protection: Handle with gloves.

Eye protection: Safety glasses

Skin and body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9 – Physical & Chemical Properties

Appearance:

Form: clear, liquid

Color: colorless

Safety data:

pH: no data available

Melting point: no data available

Boiling point: 145 °C (293 °F)

Flash point: 36 °C (97 °F) - closed cup

Ignition temperature: 293 °C (559 °F)

Lower explosion limit: 1.3 %(V)

Upper explosion limit: 9.9 %(V)

Vapor pressure: 4.4 hPa (3.3 mmHg) at 20 °C (68 °F)

Density: 0.894 g/mL at 25 °C (77 °F); 0.899 g/mL at 20 °C (68 °F)

Water solubility: slightly soluble

Partition coefficient: n-octanol/water: log Pow: 2.38

Relative vapour density: 4.43 - (Air = 1.0)

Section 10 – Stability & Reactivity Data

Storage stability: Stable under recommended storage conditions.

Conditions to avoid: Heat, flames and sparks.

Materials to avoid: Strong acids, Strong oxidizing agents, Strong bases

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Hazardous reactions: Vapors may form explosive mixture with air.

Section 11 – Toxicological Information

Acute toxicity:

LD50 Oral - rat - 900 mg/kg

LD50 Dermal - rabbit - 1,796 mg/kg

Irritation and corrosion: no data available

Sensitization: May cause allergic skin reaction.

Chronic exposure:

IARC: Group 3 - Not classifiable as to carcinogenicity to humans (Butyl acrylate)

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 - rat - Inhalation

Maternal Effects: Other effects. Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants).

Reproductive toxicity - rat - Inhalation

Effects on Fertility: Post-implantation mortality (e.g., dead and/or resorbed implants per total number of implants).

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Cough, Shortness of breath, Headache, Nausea, Vomiting

Potential Health Effects

Inhalation; May be harmful if inhaled. Causes respiratory tract irritation.

Skin: Harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Ingestion: Harmful if swallowed.

Additional Information:

RTECS: UD3150000

Section 12 – Ecological Information

Elimination information (persistence and degradability): no data available

Ecotoxicity effects:

Toxicity to fish LC50 - *Oncorhynchus mykiss* (rainbow trout) - 5.2 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates.

EC50 - *Daphnia magna* (Water flea) - 8.2 mg/l - 48 h

Further information on ecology: Avoid release to the environment. no data available



Section 13 – Disposal Consideration

Product: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations during disposal. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

Section 14 – Transportation Data

DOT (US)

UN-Number: 2348

Class: 3

Packing group: III

Proper shipping name: Butyl acrylates, stabilized

Marine pollutant: No

Poison Inhalation Hazard: No

IMDG

UN-Number: 2348

Class: 3

Packing group: III

EMS-No: F-E, S-D

Proper shipping name: BUTYL ACRYLATES, STABILIZED

Marine pollutant: No

IATA

UN-Number: 2348

Class: 3

Packing group: III

Proper shipping name: Butyl acrylates, stabilized

Section 15 – Regulatory Information

OSHA Hazards: Flammable Liquid, Harmful by ingestion. Harmful by skin absorption. Skin sensitizer, Irritant

DSL Status: All components of this product are on the Canadian DSL list.

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: Butyl acrylate, CAS-No. 141-32-2



Safety Data Sheet
(Butyl Acrylate)
DATE PREPARED: 5/6/2013
REVISION NUMBER: 5/6/2013

SARA 311/312 Hazards: Fire Hazard, Acute Health Hazard

Massachusetts Right To Know Components: Butyl acrylate, CAS-No. 141-32-2

Pennsylvania Right To Know Components: Butyl acrylate, CAS-No. 141-32-2

New Jersey Right To Know Components: Butyl acrylate, CAS-No. 141-32-2

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

Section 16 – Other Information

Disclaimer

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.

