

**Section 1. Product and Company Identification**

Product Name Acetylsalicylic Acid / Aspirin
Product ID A0819
Chemical Name (Synonyms) Salicylic acid acetate
Supplier LKT Laboratories, Inc
545 Phalen Blvd.
St. Paul, MN 55130 USA
Ph: 651-644-8424 Fax: 651-644-8357
www.lktlabs.com - getinfo@lktlabs.com

Emergency Phone # 1-800-424-9300

Section 2. Hazards Identification

GHS Classification Acute toxicity, Oral (Category 4), H302
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

GHS Label elements including precautionary statements

Pictogram



Signal word Warning

Hazard and precautionary statements

Hazard statements

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

Precautionary statements

P261 - Avoid breathing dust/ fumes/ gas/ mist/ vapors/ spray.
P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, eye protection and face protection.
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position 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 or doctor/physician if you feel unwell.
P321 - Specific treatment (see supplemental first aid instructions on this label).
P330 - Rinse mouth.
P332 + P313 - If skin irritation occurs: Get medical advice and/or attention.
P337 + P313 - If eye irritation persists: Get medical advice and/or attention.
P362 - Take off contaminated clothing and wash before reuse.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents and/or container to an approved waste disposal plant.

HMIS Classification Health hazard: 2
Chronic health hazard: *
Flammability: 1
Physical hazards: 0

NFPA Rating Health hazard: 2
Fire hazard: 1
Reactivity hazard: 0

Potential Health Effects Inhalation - May be harmful if inhaled. May cause respiratory tract irritation.
Skin - Harmful if absorbed through skin. Causes skin irritation.
Eyes - Causes serious eye irritation.

Ingestion - Acute toxicity. Harmful if swallowed.

Section 3. Composition/Information on Ingredients

Substances

Formula $C_9H_8O_4$
CAS No. 50-78-2

Formula Wt. 180.16 g/mol
EC No. 200-064-1

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.

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

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

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

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

Section 5 . Firefighting Measures

Flash Point 250°C (482°F)

Extinguishing Media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Firefighting Procedures Wear self-contained breathing apparatus for firefighting and protective clothing if necessary.

Unusual Fire Hazards Carbon oxides.

Section 6. Accidental Release Measures

Personal Precautions Use personal protective equipment. Avoid dust formation. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental Precautions Do not let product enter drains.

Methods and materials for containment and cleanup Avoid creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

Handling Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Storage Conditions Keep in dry and well-ventilated place in a tightly closed container.
Recommended storage temperature: Ambient

Hazardous Decomposition Products Not available.

Other Remarks This product is sensitive to light.

Section 8. Exposure Controls/Personal Protection

Personal protective equipment EXPOSURE CONTROLS

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

PERSONAL PROTECTION

Eye protection

Safety glasses with side-shields conforming to EN 166. 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. Full contact or Splash contact: Nitrile rubber - Minimum layer thickness 0.11, break through time 480 min., Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M).

Body protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9. Physical and Chemical Properties

Physical State	Solid.	Color	White granular powder.
Boiling Point	Not available.	Volatility	Not available.
Melting Point	135°C	Density	Not available.
Solubility	Soluble in ethanol (200 mg/ml), DMSO or water (3.3 mg/ml).	pH	3.5 at 2.5 g/l at 20°C (68°F)
Flash Point	250°C (482°F)	Ignition temperature	500°C (932°F)
Lower explosion limit	Not available.	Autoignition temperature	Not available.
Upper explosion limit	Not available.	Vapor pressure	Not available.
Water solubility	Soluble in water 3.3 mg/mL.	Odor	Not available.
Partition coefficient: n-octanol/water	log Pow: 1.19	Odor Threshold	Not available.
Relative vapor density	Not available.	Evaporation rate	Not available.

Section 10. Stability and Reactivity

Stability	Stable under recommended storage conditions.
Materials To Avoid	Strong oxidizing agents, strong acids and strong bases.
Hazardous Decomposition Products	Not available.

Possibility of hazardous reactions Not available.

Conditions to avoid Heat and exposure to light.

Section 11. Toxicological Information

Oral LD50 Rat - 200 mg/kg
Mouse - 250 mg/kg
Rabbit - 1,010 mg/kg Behavioral: Changes in motor activity (specific assay)

Inhalation LC50 Not available.

Dermal LD50 Not available.

Other information on acute toxicity LD50 Intraperitoneal - rat - 340 mg/kg
LD50 Intraperitoneal - mouse - 167 mg/kg

Reproductive Toxicity Not available.

Specific organ toxicity single exposure (GHS) Inhalation - May cause respiratory irritation.

Specific organ toxicity repeated exposure (GHS) Not available.

Teratogenicity Not available.

Skin corrosion/irritation Not available.

Serious eye damage/irritation Not available.

Respiratory or skin sensitization Not available.

Germ cell mutagenicity Not available.

Aspiration Hazard Not available.

Synergistic effects Not available.

Additional Information RTECS: VO0700000
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Signs and symptoms of exposure Stomach - Irregularities - Based on Human Evidence.

Potential Health Effects Inhalation - May be harmful if inhaled. May cause respiratory tract irritation.
Skin - Harmful if absorbed through skin. Causes skin irritation.
Eyes - Causes serious eye irritation.
Ingestion - Acute toxicity. Harmful if swallowed.

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.

Section 12. Ecological Information

Toxicity Toxicity to fish. Toxicity to daphnia and other aquatic invertebrates. Toxicity to bacteria.

Mobility in soil Not available

PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not

conducted.

Persistence and degradability Biodegradability: Expected to be biodegradable.

Other adverse effects Not available

Bioaccumulative potential Not available

Section 13. Disposal Considerations

Waste Disposal Dispose of material according to all federal, state, and local regulations.
Offer material to a licensed professional disposal company to dispose of as unused product.

Section 14. Transport Information

DOT (US) UN number: 2811 Class: 6.1 Packing Group: III
Proper shipping name: Toxic solid, organic, n.o.s. (Acetylsalicylic Acid)

IATA Not dangerous goods.

IMDG Not dangerous goods.

Further Information

Section 15. Regulatory Information

Reach No.

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 (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Components Acute health hazard, chronic health hazard.

Massachusetts Right To Know Components Acetylsalicylic Acid / Aspirin CAS #: 50-78-2 Revision Date: 1994-04-24

Pennsylvania Right To Know Components Acetylsalicylic Acid / Aspirin CAS #: 50-78-2 Revision Date: 1994-04-24

New Jersey Right To Know Components Acetylsalicylic Acid / Aspirin CAS #: 50-78-2 Revision Date: 1994-04-24

California Prop 65 Components WARNING: This product contains a chemical known to the State of California to cause birth defects, or other reproductive harm.
Acetylsalicylic Acid / Aspirin CAS #: 50-78-2 Revision Date: 1990-07-01

Section 16. Other Information

Other information The information in this document is believed to be correct but is not necessarily complete. LKT does not guarantee the accuracy of the information. The burden of verifying the information in this document rests solely upon the user.

Updated 6/13/2019

For emergencies in the USA, call
CHEMTREC 800-424-9300