1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Naproxen sodium  
Product Number: N5160  
Supplier: Sigma-Aldrich  
Supplier Address: 3050 Spruce Street SAINT LOUIS MO 63103 USA  
Telephone: +1 800-325-5832  
Fax: +1 800-325-5852  
Emergency Phone #: (314) 776-6555  
Preparation Information: Sigma-Aldrich Corporation  
Product Safety - Americas Region  
1-800-521-0556

2. HAZARDS IDENTIFICATION

Emergency Overview  
OSHA Hazards: Harmful by ingestion.  
Teratogen  
GHS Classification:  
Acute toxicity: Oral (Category 4)  
Reproductive toxicity (Category 1A)  
GHS Label elements, including precautionary statements  
Pictogram:  
Signal word: Danger  
Hazard statement(s):  
H302 Harmful if swallowed.  
H360 May damage fertility or the unborn child.  
Precautionary statement(s):  
P201 Obtain special instructions before use.  
P308+P313 IF exposed or concerned: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: (5)-6-Methoxy-o-methyl-2-naphthaleneacetic acid  
Formula: C14H13NaO3  
Molecular Weight: 221.24 g/mol  
Component Concentration  
(5)-6-Methoxy-o-methyl-2-naphthaleneacetic acid sodium salt  
CAS-No.: 25159-34-2  
EC-No.: 247-486-2

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: Flush eyes with water as a precaution.  
If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Conditions of flammability: Not flammable or combustible.  
Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Special protective equipment for firefighters: Wear self-contained breathing apparatus for fire fighting if necessary.  
Hazardous combustion products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sodium oxides

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mists or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.  
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.  
Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweeps up and shovels. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
3. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contents no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particulate respirator type N100
(US) or type P3 (EN 143) 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. 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.

Eye protection
Safety glasses with side-shields conforming to EN 68. Use equipment for eye protection tested and approved
under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and 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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

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10. STABILITY AND REACTIVITY

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
no data available

Conditions to avoid
no data available

Materials to avoid
Strong oxidizing agents

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sodium oxides
Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Oral LD50
no data available

Inhalation LC50
no data available

Dermal LD50
no data available

Other information on acute toxicity
no data available

Skin corrosion/irritation
no data available

Serious eye damage/eye irritation
no data available

Respiratory or skin sensitization
no data available

Genetic 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
Reproductive toxicity - rabbit - Oral

Effects on Fertility: Other measures of fertility
Reproductive toxicity - Monkey - Oral
Effects on Fertility: Other measures of fertility

no data available

Teratogenicity
Developmental Toxicity - Human - Oral
Specific Developmental Abnormalities: Cardiovascular (circulatory) system.
Known human reproductive toxicant

Specific target organ toxicity - single exposure (Globally Harmonized System)
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System)
no data available

Aspiration hazard
no data available

Potential health effects

Inhalation  May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion  Harmful if swallowed.
Skin  Harmful if absorbed through skin. May cause skin irritation.
Eyes  May cause eye irritation.

Signs and Symptoms of Exposure
Gastrointestinal disturbance, Headache, Dizziness, Rash, Drowsiness, Blurred vision, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects
no data available

Additional Information
RTECS: QJ1047000

12. ECOLOGICAL INFORMATION

Toxicity
no data available

Persistence and degradability
no data available

Bioaccumulative potential
no data available

Mobility In soil
no data available

PBT and vPvB assessment
no data available

Other adverse effects
no data available

13. DISPOSAL CONSIDERATIONS

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards
Harmful by ingestion, Teratogenic

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
SARA 313: 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 Hazards
Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

CAS-No.  26159-34-2
Revision Date

New Jersey Right To Know Components

CAS-No.  26159-34-2
Revision Date

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

16. OTHER INFORMATION

Further Information
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