1 Identification of the substance

Identification of the substance
Loxoprofen sodium

Additional identification
a-Methyl-4-[(2-oxocyclopentyl)methyl]benzeneacetic acid sodium salt; CS 600; Loxonin

Biosynth catalog no.
FL24954

REACH No.
A registration number is not available for this substance as the substance or its uses are exempted from registration or the annual tonnage does not require a registration.

Use of the substance/preparation

Identified uses
basic intermediates

Restriction on use
not for food or drug use, for laboratory use only

Company
Carbosynth Ltd
8&9 Old Station Business Park
GB-COMPTON RG20 6NE

Phone
+44 1635 578444

Mail
customerservice@biosynth-carbosynth.com

Emergency Number
Phone
+44 1635 578444 office hours

2 Hazards identification

Health Hazards
acute toxicity (Category 3)

Enviromental Hazards
not classified

Physical Hazards
not classified

Possible Hazards (Summary)

GHS Labeling
Regulatory List
EC1272/08 Regulation (EC) 1272/2008 (GHS/CLP)

Symbol
GHS06 skull and crossbones

Pictogram

Signal Word
Danger

Hazard Statement
H301 Toxic if swallowed.

Precautionary Statement
P270 Do not eat, drink or smoke when using this product.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P321 Specific treatment (see on this label).
P330 Rinse mouth.
P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

Additional Information
Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated.

3 Composition/information on ingredients

Substance related information
Substance name Loxoprofen sodium
Synonyms a-Methyl-4-[(2-oxocyclopentyl)methyl]benzeneacetic acid sodium salt; CS 600; Loxonin
Cas No. [80382-23-6]
Formula C₁₅H₁₇NaO₃

4 First aid measures
First Aid: Eye
Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

First Aid: Skin
Wash immediately with plenty of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothes before reuse. Call a physician.

First Aid: Ingestion
Wash out mouth with water provided person is conscious. Call a physician.

First Aid: Inhalation
Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

Hints for Physician: Treatment
Treat symptomatically.

5 Firefighting measures
Extinguishing Media
Suitable foam, dry extinguishing powder, carbon dioxide (CO₂), water spray jet

Hazards During Fire-Fighting
toxic fumes

Protective Equipment for Fire-Fighting
Wear a self-contained breathing apparatus and chemical protective clothing.
6 Accidental release measures

Personal Precautions
Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

Environmental Precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure all waste water is collected and treated via a waste water treatment plant.

Methods for Cleaning or Taking Up
not available

Further Accidental Release Measures
Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

7 Handling and storage

Handling
Handling advice
Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

Storage
Storage temperature
store at 5°C

Storage condition
close container well, keep dry

Storage Requirements
Keep away from incompatible substances. Keep container tightly closed when not in use.

8 Exposure controls/personal protection

Exposure controls

Industrial Hygiene
Mechanical exhaust required. Safety shower and eye shower.

Personal Protective Equipment

Respiratory Protection
Wear NIOSH/MSHA or European Standard EN 149 approved respirator.

Hand Protection
Wear compatible chemical-resistant gloves to prevent skin exposure.

Eye Protection
Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA.

Body Protection
Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

Advice on Safe Handling
Wash contaminated clothing before reuse. Wear appropriate protective clothing to prevent exposure.

9 Physical and chemical properties
**Form**
powder

**Phase Transition Solid/Liquid**
204 °C

**Molar Mass**
268.28 g/mol

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### 10 Stability and reactivity

**Conditions to Avoid**
incompatible materials

**Substances to Avoid**
strong oxidizers

**Decomposition Products**
nitrogen oxides (NOx), carbon dioxide (CO2), carbon monoxide

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### 11 Toxicological information

**Acute Toxicity**
LD50 oral, Rat, 145 mg/kg

**Other Relevant Toxicity Information**
Only selected Registry of toxic effects of chemical substances (RTECS) data is presented here. For the complete information, consult current entry in RTECS.

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### 12 Ecological Information

**Biodegradation**
no data available

**Bioaccumulation**
no data available

**Distribution in Environment**
no data available

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### 13 Disposal considerations

**Advice on Disposal and Packaging**

*Advice on Disposal*
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and Exhaust air. Dispose of waste according to laws applicable.

*Advice on Packaging*
not available

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### 14 Transport information

**Road Transport (ADR/GGVS)**

*UN No.*
2811

*Class(es)*
6.1

*Packaging group*
III

*Proper Shipping Name*
Toxic solid, organic, n.o.s. (Loxoprofen sodium)
Air Transport (IATA)

UN No. 2811
Class(es) 6.1
Packaging group III
Proper Shipping Name Toxic solid, organic, n.o.s. (Loxoprofen sodium)

15 Other regulations

Other Regulations not available

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16 Additional information

GHS Labeling

Regulatory List
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