

1. IDENTIFICATION

Product Name	Sulindac acyl- β -D-glucuronide
Catalogue Number	SD501
Recommended Use	Laboratory research and development.
Supplier	Synthose Inc., 50 Viceroy Road, Unit 7, Concord, Ontario, L4K 3A7, Canada
Emergency Phone No.	+1-905-669-0017
Email	admin@synthose.com

2. HAZARD IDENTIFICATION

Classification

Acute Toxicity, Oral (Category 4)

Label Elements

Pictogram



Signal Word Warning

Hazard Statements

H302: Harmful if swallowed

Precautionary Statements

P264: Wash skin thoroughly after handling.

P301 + P312 + P330: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Sulindac acyl- β -D-glucuronide
Synonym	1-[(1Z)-5-Fluoro-2-methyl-1-[[4-(methylsulfinyl)phenyl]methylene]-1H-indene-3-acetate] β -D-glucopyranuronic acid
CAS Number	60018-36-2
Molecular Formula	C ₂₆ H ₂₅ FO ₉ S
Molecular Weight	532.54

Component	CAS Number	Concentration
Sulindac acyl- β -D-glucuronide	60018-36-2	100%

4. FIRST-AID MEASURES

Inhalation	Call a POISON CENTER or doctor/physician if you feel unwell. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash with plenty of soap and water.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Most Important Symptoms and Effects, Acute and Delayed

Not determined

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Unsuitable Extinguishing Media	Not determined
Special Protective Equipment and Precautions for Firefighters	Not determined

Specific Hazards Arising from the Hazardous Product

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

Use personal protective equipment. Avoid breathing dust, fumes, gas, mist, vapours, or spray.

Methods and Materials for Containment and Cleaning Up

Pick up and arrange disposal without creating dust. Sweep up and shovel or soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE**Precautions for Safe Handling**

Wash skin thoroughly after handling.

Conditions for Safe Storage

Store at 0 to -20 °C.

Incompatible Materials

Not determined

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Occupational Exposure Guidelines**

Not determined

Appropriate Engineering Controls

Use mechanical exhaust or laboratory fume hood to avoid exposure.

Individual Protection Measures / Personal Protective Equipment**Eye/Face Protection**

Wear safety glasses with side-shields, chemical safety goggles, or face shield. 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. Wear long-sleeved lab coat. Do not wear open-toed shoes.

Respiratory Protection

Use particle respirator for nuisance exposures. For greater protection, use half or full face mask respirator with cartridges. Respiratory equipment should be tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow Solid	Flammable/Explosive Limits	Not determined
Odour	Not determined	Vapour Pressure	Not determined
Odour Threshold	Not determined	Vapour Density	Not determined
pH	Not determined	Relative Density	Not determined
Melting Point	Not determined	Solubility	DMSO, MeOH
Boiling Point	Not determined	Partition Coefficient log K_{OW}	Not determined
Flash Point	Not determined	Auto-ignition Temperature	Not determined
Evaporation Rate	Not determined	Decomposition Temperature	Not determined
Flammability (solid, gas)	Not determined	Viscosity	Not determined

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive

Chemical Stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use

Conditions to Avoid

Open flames, sparks, static discharge, excessive heat

Incompatible Materials

Not determined

Hazardous Decomposition Products**Formed under Fire Conditions**

Carbon oxides, Hydrogen fluoride, Sulphur oxides

11. TOXICOLOGICAL INFORMATION**Likely Routes of Exposure**

Ingestion

Acute Toxicity, Oral

Harmful if swallowed
ATE Oral (mg/kg) - 500

Inhalation

May be harmful if inhaled, may cause respiratory tract irritation

Skin Contact

May be harmful in contact with skin, may cause skin irritation

Eye Contact

May cause eye irritation

12. ECOLOGICAL INFORMATION

Not determined

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, regional, and/or federal regulations.

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

Not dangerous goods for transport according to IATA, IMDG, or ADR.

15. REGULATORY INFORMATION**Canada DSL / NDSL** The components of this product are not on the DSL Inventory but are manufactured at <100kg per year.**USA TSCA** Negative Certification**16. OTHER INFORMATION****Latest Revision** 2020-09-11**Abbreviations**

ATE	Acute Toxicity Estimate	DSL	Domestic Substances List
K_{OW}	Concentration in octanol phase / Concentration in aqueous phase	NDSL	Non-Domestic Substances List
LC₅₀	Median Lethal Concentration	TSCA	Toxic Substances Control Act
LD₅₀	Median Lethal Dose	IATA	International Air Transport Association
TDLo	Lowest Known Toxic Dose	IMDG	International Maritime Dangerous Goods
EC₅₀	Half Maximal Effective Concentration	ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
RTECS	Registry of Toxic Effects of Chemical Substances		