

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Issuing Date 27-Aug-2013

Revision Date 04-Jun-2024

Revision Number 7

## 1. Identification

### Product identifier

Product Name SPROUT NIP SOLID

### Other means of identification

Product Code 2151602

CAS Number 101-21-3

UN-No UN3077

Synonyms Chlorpropham; Isopropyl M-Chlorocarbanilate; Isopropyl 3-Chlorophenylcarbamate;  
1-Methylethyl (3-Chlorophenyl)Carbamate

### Recommended use of the chemical and restrictions on use

Recommended Use Agriculture

Restriction on Use Do not use where contact with food or drinking water is possible Avoid prolonged contact with eyes, skin, and clothing

### Details of the supplier of the safety data sheet

#### Supplier Address

ACETO LIFE SCIENCES, L.L.C.  
4 Tri Harbor Court  
Port Washington, NY 11050-4661  
Phone: (516) 627-6000  
Fax: (516) 627-6093  
Email: aceto@aceto.com

### Emergency telephone number

Emergency telephone number(s) ChemTrec: 1-800-424-9300

## 2. Hazard(s) identification

### Classification

Acute toxicity - Oral	Category 3
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 3
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 2

### Hazards not otherwise classified (HNOC)

Not applicable

### Label elements

**Danger****Hazard statements**

Toxic if swallowed.  
 Harmful in contact with skin.  
 Toxic if inhaled.  
 Suspected of causing cancer.  
 May cause damage to organs through prolonged or repeated exposure.

**Precautionary Statements - Prevention**

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Use personal protective equipment as required.  
 Wash face, hands and any exposed skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Use only outdoors or in a well-ventilated area.  
 Do not breathe dust/fume/gas/mist/vapors/spray.

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention.  
 Specific treatment (see supplemental first aid instructions on this label).  
 IF ON SKIN: Wash with plenty of soap and water.  
 Call a POISON CENTER or doctor/physician if you feel unwell.  
 Wash contaminated clothing before reuse.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Call a POISON CENTER or doctor/physician.  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 Rinse mouth.

**Precautionary Statements - Storage**

Store locked up.  
 Store in a well-ventilated place. Keep container tightly closed.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Other Information**

No information available.

### 3. Composition/information on ingredients

**Substance****Synonyms**

Chlorpropham; Isopropyl M-Chlorocarbanilate; Isopropyl 3-Chlorophenylcarbamate;  
 1-Methylethyl (3-Chlorophenyl)Carbamate

**Formula**

C10H12ClNO2

Chemical name	CAS No.	Weight-%	Trade secret
Chlorpropham	101-21-3	100	

## 4. First-aid measures

### Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician or poison control center immediately.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician or poison control center immediately.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Call a physician or poison control center immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required. Avoid contact with eyes, skin and clothing.

### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	No information available.
<b>Effects of Exposure</b>	No information available.

### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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## 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Water spray. Carbon dioxide (CO2). Dry powder. Foam.
<b>Unsuitable extinguishing media</b>	No information available.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Hazardous Combustion Products</b>	Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides.
<b>Explosion Data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b>Special protective equipment and precautions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with eyes, skin and clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
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**Methods and material for containment and cleaning up**

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Evacuate personnel to safe areas. Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly. Prevent product from entering drains.

**7. Handling and storage****Precautions for safe handling**

<b>Advice on safe handling</b>	Use only in an area equipped with a safety shower. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation. Do not breathe vapours/dust. Avoid contact with eyes, skin and clothing. Avoid repeated exposure. In case of insufficient ventilation, wear suitable respiratory equipment.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep out of the reach of children.
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**8. Exposure controls/personal protection****Control parameters**

<b>Exposure Limits</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Chlorpropham 101-21-3	-	-	-

**Appropriate engineering controls**

<b>Engineering controls</b>	Showers Eyewash stations Ventilation systems.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Tight sealing safety goggles.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	Solid
Appearance	Light brown Crystalline
Color	No information available
Odor	No information available
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	None known
pH (as aqueous solution)		None known
Melting point / Freezing point	36 - 49 °C	None known
Boiling point / boiling range	258 °C	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor Pressure	0.024 Pa@&20	None known
Vapor Density	No data available	None known
Relative density	1.29	None known
Water solubility	No data available 100 % 0.68 microgram/ml @ 23 C	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water (@pH7)	log Pow=3.76@20°C	None known
Autoignition temperature °C	No data available	No information available
Decomposition temperature		None known
Kinematic Viscosity	No data available	None known
Dynamic Viscosity		None known

### Other information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	213.7
VOC content	No information available
Liquid Density	No information available
Bulk density	No information available

## 10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to Avoid	None known based on information supplied.
Incompatible materials	Strong oxidizing agents. Strong bases.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Nitrogen oxides (NO <sub>x</sub> ). Hydrogen chloride gas. Chloroanilines. Isocyanates.

## 11. Toxicological information

Information on likely routes of exposure

<b>Inhalation</b>	Avoid breathing dust, fume, gas, mist, vapors and spray.
<b>Eye contact</b>	Avoid contact with eyes.
<b>Skin contact</b>	Avoid contact with skin.
<b>Ingestion</b>	Do not take internally.

Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

Acute toxicity

**Numerical measures of toxicity**  
No information available

The following values are calculated based on chapter 3.1 of the GHS document

**Dermal LD50** > 2,000 mg/kg (rabbit)  
**LC50 Inhalation:** > 476 mg/m<sup>3</sup>

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Chlorpropham 101-21-3	-	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

Chemical name	ACGIH	IARC	NTP	OSHA
Chlorpropham 101-21-3	-	Group 3	-	-

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Target organ effects** Liver, spleen, bone marrow.

**Aspiration hazard** No information available.

**Other Adverse Effects** No information available.

**Interactive effects** No information available.

## 12. Ecological information

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Chlorpropham 101-21-3	-	-	-	-

**Persistence/Degradability** Biological degradability.

**Bioaccumulation** MATERIAL DOES NOT BIOACCUMULATE.

Chemical name	Partition coefficient
Chlorpropham 101-21-3	-

**Other adverse effects** No information available.

## 13. Disposal considerations

### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

## 14. Transport information

### DOT

**UN-No** UN3077

**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.

**Transport hazard class(es)** 9

**Packing Group** III

**Special Provisions** 8, 146, 335, 384, 441, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33

**DOT Marine Pollutant** P

**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Chlorpropham), 9, III, Marine pollutant

**Emergency Response Guide Number** 171

### TDG

**UN-No** UN3077

**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.

**Transport hazard class(es)** 9

**Packing Group** III  
**Special Provisions** 16, 99  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Chlorpropham), 9, III

**MEX**

**UN-No** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing Group** III  
**Technical Name** Chlorpropham  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Chlorpropham), 9, III  
**Special Provisions** 274, 331, 335

**ICAO**

**UN-No** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing Group** III  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Chlorpropham), 9, III  
**Special Provisions** A97, A158, A179, A197, A215

**IATA**

**UN number or ID number** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**Technical Name** Chlorpropham  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Chlorpropham), 9, III  
**Special Provisions** A97, A158, A179, A197, A215  
**ERG Code** 9L

**IMDG**

**UN number or ID number** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing Group** III  
**EmS No.** F-A, S-F  
**Special Provisions** 274, 335, 966, 967, 969  
**Marine pollutant** P  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Chlorpropham), 9, III, Marine pollutant

**15. Regulatory information**

**International Inventories**

**TSCA** Complies

Chemical name	CAS No.	US TSCA Inventory listing	US TSCA inactive/active designation
Chlorpropham	101-21-3	-	Unknown *

Chemical name	CAS No.	References
Chlorpropham	101-21-3	-



<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>Japan (ENCS)</b>	Complies
<b>China (IECSC)</b>	Complies
<b>Korea (KECL)</b>	Complies
<b>Philippines (PICCS)</b>	Does not comply
<b>AIIC</b>	Does not comply
<b>NZIoC</b>	Complies

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals

### Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Chlorpropham 101-21-3	-	-	-	-

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Chlorpropham 101-21-3	-	-	

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

### U.S. EPA Label Information

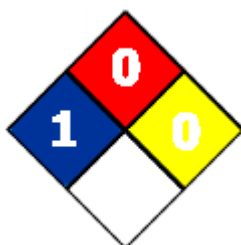
**EPA Pesticide Registration Number** Not applicable

**EPA Statement**

In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA. This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required by Safety Data Sheets, and for workplace labels of non-pesticide chemicals.

## 16. Other information

**NFPA** Health hazards 1 Flammability 0 Instability 0 Special hazards -



**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitizers		

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 National Institute of Technology and Evaluation (NITE)  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

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<b>Revision Summary</b>	No information available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the

date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**