SECTION 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: SPENCER OD

Chemical Name:
mesotrione: 2-(4-mesyl-2-nitrobenzoyl)cyclohexane-1,3-dione
Nicosulfuron:
2-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-N,N-dimethylnicotinamide
Terbutylazine: \(N^2\)-tert-butyl-6-chloro-\(N^4\)-ethyl-1,3,5-triazine-2,4-diamine

Product Use: Commercial Herbicides

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Composition</th>
<th>Percent, % w/w</th>
<th>CAS RN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nicosulfuron</td>
<td>2%</td>
<td>111991-09-4</td>
</tr>
<tr>
<td>Terbutylazine</td>
<td>20%</td>
<td>5915-41-3</td>
</tr>
<tr>
<td>Mesotrione</td>
<td>4%</td>
<td>104206-82-8</td>
</tr>
</tbody>
</table>

SECTION 3 HAZARDS IDENTIFICATION

Symptoms of Poisoning
No case of human poisoning is on record. Under laboratory conditions unspecific poisoning symptoms were observed in rats.

Irritation: Eye - slight irritant based on active ingredient

Symptoms of Chronic Toxicity: None known.
SECTION 4 FIRST AID MEASURES

In case of poisoning by any route contact a doctor or Poisons Information Centre

Swallowed: DO NOT induce vomiting. Give a glass of water and contact a doctor or Poisons Information Centre.

Eye: May irritate the eyes. Flush eyes with large quantities of water for at least 15 minutes.

Skin: May irritate the skin. Remove contaminated clothing and wash affected areas thoroughly with soap and water.

Inhaled: Move affected person to fresh air and keep at rest until recovered.

Advise to Doctor: No specific antidote is known. If poisoning is suspected apply symptomatic therapy.

SECTION 5 FIRE FIGHTING MEASURES

Dangerous Goods Class: Not allocated

Extinguishing media: Fine water spray, foam, dry powder or CO₂

Unsuitable extinguishing media: None

Special exposure hazards: None known

Fire and Explosive Properties: None known

Flammability: Non-flammable

SECTION 6 ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak: Control the spill at its source. Contain the spill to prevent it from spreading, contaminating soil, or entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. If a solid, sweep up material and place in a compatible disposal container. If a liquid, cover entire spill with absorbing material and place into compatible disposal container. Scrub area with
a hard water detergent. Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposal.

SECTION 7 HANDLING AND STORAGE
Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION
THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT. FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.
Ingestion: Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.
Eye Contact: Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Skin Contact: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.
Inhalation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits.
Personal Protection Requirements:
Respiratory Protection Advised
Eye/Face Protection Advised
Skin Protection Advised

SECTION 9 PHYSICAL PROPERTIES
Appearance: flowable suspension
pH: 4.0-7.0
Vapour Pressure: 7.5 x 10^-7 mm Hg @ 25°C (active ingredient)
Solubility: 59 ppm @ 25°C (active ingredient)

SECTION 10 STABILITY AND REACTIVITY
Stability: Stable under normal conditions
Conditions to avoid: None
Materials to avoid: None
Hazardous Decomposition Products: May form toxic gases during thermal decomposition

SECTION 11 TOXICOLOGICAL INFORMATION
LD_{50} Information (based on active ingredient)
Oral LD_{50} >5000 mg/kg rat
Dermal LD_{50} >2000 mg/kg rat
Inhaled LC_{50} (4 h) >1180 mg/m3
Practically non-toxic to mammals
Irritation: Eye: slight irritant
Skin: mild irritant
Sensitisation: Skin: Potential sensitiser
Mutagenicity: Not a known mutagen
Reproductive Toxicity: Not a known teratogen
Carcinogenicity: Not a known carcinogen

SECTION 12 ECOLOGICAL INFORMATION
Mobility: Moderately mobile
Persistence: DT50 26 days @ 25°C pH6.1
Bioaccumulation: Does not bioaccumulate
Ecotoxicity: Practically non-toxic to birds, fish and Daphnia. Toxic to algae.
Unlikely to cause environmental harm under normal use conditions.

SECTION 13 DISPOSAL CONSIDERATIONS
Do not reuse product containers. Dispose of product containers, waste containers, and residues according to regional or local body bylaws.

SECTION 14 TRANSPORTATION INFORMATION
UN Number: 3082
Class: 9