



SAFETY DATA SHEET

WINGSTAY L FLAKES

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Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name WINGSTAY L FLAKES

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

OMNOVA Solutions Inc.
25435 Harvard Road
Beachwood, OH 44122-6201
Telephone: +1 216-682-7000

E-mail address

SDS@OMNOVA.com

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300 Chemtrec international: +1 703 527 3887

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance flakes

Physical state Solid

Odor uncharacteristic

Hazards not otherwise classified (HNOC)

Not Applicable

Unknown Acute Toxicity

0% of the substance or mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS No.	Weight-%	Trade Secret
Phenol, 4-Methyl-, Reaction Products With Dicyclopentadiene And Isobutylene.	68610-51-5	<100	*

4. FIRST AID MEASURES

First aid measures

<u>Eye contact</u>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<u>Skin Contact</u>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
<u>Inhalation</u>	Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
<u>Ingestion</u>	Clean mouth with water. Call a physician.
<u>Most important symptoms and effects, both acute and delayed</u>	

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical. Carbon dioxide (CO₂). Water spray, fog or regular foam. Move containers from fire area if you can do it without risk. Dike fire-control water for later disposal.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

No information available.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up Use personal protective equipment as required. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Avoid creating dust.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Keep away from heat. Protect from direct sunlight.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines .

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations 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	Odor threshold	No information available
Appearance	flakes	Odor	uncharacteristic
Color	light brown		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not Applicable
Melting point/freezing point	118 °C / 244 °F	
Boiling point / boiling range		No information available

Flash point	280 °C / 536 °F	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability limit:		No information available
Lower flammability limit:		No information available
Vapor pressure		No information available
Vapor density		No information available
Water solubility	<0.01	mg/l
Solubility in other solvents		No information available
Partition coefficient	7.56 (30°C)	
Autoignition temperature	445 °C / 833 °F	
Decomposition temperature	>300°C °C / °F	
Kinematic viscosity		No information available
Dynamic viscosity		No information available
Explosive properties	Not an explosive	
Oxidizing properties		No information available
<u>Other Information</u>		
Explosion severity		
Danger of Explosion, cloud	ST3 (VDI 3673)	
Minimum Ignition Energy, Cloud, mJ	<10 mJ	
KST, (cloud), bar.m.s-1	349 bar.m.s-1	
Pmax maximum explosion pressure, Cloud, bar	9 bar	
VMP, (cloud), bar.s-1		No information available
LOC Limiting Oxygen Concentration, Cloud, %v/v O2	8 %v/v O2	
Softening point		No information available
Molecular weight		No information available
Density		Not determined
Bulk density	0.55	
Specific Gravity		No information available
Granulometry		No information available
Moisture content		No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	Contact with eyes may cause irritation.
Skin Contact	Substance may cause slight skin irritation.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Phenol, 4-Methyl-, Reaction Products With Dicyclopentadiene And Isobutylene. 68610-51-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 165 mg/L (Rat) 1 h

Information on toxicological effects

Symptoms No information available.

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

Sensitization	No information or data specific to the product on this toxicological (health) effect is available
Germ cell mutagenicity	No information or data specific to the product on this toxicological (health) effect is available.
Carcinogenicity	No information or data specific to the product on this toxicological (health) effect is available.
Reproductive toxicity	No information or data specific to the product on this toxicological (health) effect is available.
STOT - single exposure	No information or data specific to the product on this toxicological (health) effect is available.
STOT - repeated exposure	No information or data specific to the product on this toxicological (health) effect is available.
Aspiration hazard	No information or data specific to the product on this toxicological (health) effect is available.

Numerical measures of toxicity - Product Information

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Fish
Phenol, 4-Methyl-, Reaction Products With Dicyclopentadiene And Isobutylene.	>0.2 mg/L LC50 96 h Oncorhynchus mykiss semi-static

Chemical Name	Crustacea
Phenol, 4-Methyl-, Reaction Products With Dicyclopentadiene And Isobutylene.	>0.2 mg/L EC50 48 h Daphnia magna

Chemical Name	Algae/aquatic plants
Phenol, 4-Methyl-, Reaction Products With Dicyclopentadiene And Isobutylene.	0.2 mg/L EC50 72 h Pseudokirchneriella subcapitata

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Phenol, 4-Methyl-, Reaction Products With Dicyclopentadiene And Isobutylene. 68610-51-5	7.56

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

International Inventories

AICS	Yes
DSL	Yes
IECSC	Yes
EINECS	Yes
ENCS	Yes
KECL	Yes
PICCS	Yes
TSCA	Yes
NZIoC	Yes

Legend:

AICS - Australian Inventory of Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

IECSC - China Inventory of Existing Chemical Substances

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

NZIoC - New Zealand Inventory of Chemicals

US 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

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

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

16. OTHER INFORMATION

NFPA	Health hazards 1	Flammability 1	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 1	Flammability 1	Physical hazards 0	Personal protection X

Revision Date 08-Apr-2015

Revision Note

[SDS sections updated \(***\)](#)

Disclaimer

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End of Safety Data Sheet