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Version 2

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

Product identifier

Product Name **WINGSTAY S P POWDER**

Other means of identification

UN/ID no UN3077

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 considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 2
Skin sensitization	Category 1A

Label elements

Emergency Overview

Warning

Hazard statements

Causes skin irritation
May cause an allergic skin reaction



Appearance No information available **Physical state** Powder **Odor** Phenol-like

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Contaminated work clothing must not be allowed out of the workplace

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of water and soap
 Take off contaminated clothing and wash it before reuse
 If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not Applicable

Unknown acute toxicity 0 % of the 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, Styrenated	61788-44-1	68-72	*
Silica, Hydrated Amorphous (Cas 7631-86-9)	112926-00-8	25-35	*
Phenol	108-95-2	0.5-1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye contact 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.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

Inhalation Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

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, CO2 or water spray.

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

Specific hazards arising from the chemical

Some may burn but none ignite readily. Those substances designated with a "P" may polymerize explosively when heated or involved in a fire. Some may be transported hot.

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 Do not allow into any sewer, on the ground or into any body of water.

Methods and material for containment and cleaning up

Methods for containment Prevent dust cloud.

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

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 in properly labeled containers. Keep from freezing.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical name	CAS No	ACGIH TLV	OSHA PEL	NIOSH IDLH
Phenol, Styrenated	61788-44-1	-	-	-
Silica, Hydrated Amorphous (Cas 7631-86-9)	112926-00-8	-	TWA: 6 mg/m ³ TWA: 20 mppcf : (80)/(% SiO ₂) mg/m ³ TWA	-
Phenol	108-95-2	TWA: 5 ppm S*	TWA: 5 ppm TWA: 19 mg/m ³	IDLH: 250 ppm Ceiling: 15.6 ppm 15 min

			S*	Ceiling: 60 mg/m ³ 15 min TWA: 5 ppm TWA: 19 mg/m ³
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NIOSH IDLH *Immediately Dangerous to Life or Health*

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. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Powder	Odor threshold	Not determined
Appearance	No information available.	Odor	Phenol-like
Color	dark yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not Applicable
Melting point / freezing point		No data available
Boiling point / boiling range		No data available
Flash point		Not Applicable
Evaporation rate		Not applicable
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability or explosive limits		No information available
Lower flammability or explosive limits		No information available
Vapor pressure		Not applicable
Vapor density		Not applicable
Water solubility	DSP: 665µg/l - TSP: 7.1µg/l (OECD Guideline 105. 1995)	No information available
Solubility in other solvents		No information available
Partition coefficient	DSP: 6.24 (OECD Guideline 123. 2006) - TSP: 7.77 (OECD Guideline 123. 2006)	
Autoignition temperature		Not applicable
Decomposition temperature		Not determined
Kinematic viscosity		Not applicable
Dynamic viscosity		Not applicable
Explosive properties	Not an explosive	
Oxidizing properties		No information available

Other information**Explosion severity**

Danger of Explosion, cloud	No information available
Minimum Ignition Energy, Cloud, mJ	No information available
KST, (cloud), bar.m.s-1	No information available
Pmax maximum explosion pressure, Cloud, bar	No information available
VMP, (cloud), bar.s-1	No information available
LOC Limiting Oxygen Concentration, Cloud, %v/v O2	No information available
Softening point	No information available
Molecular weight	No information available
Liquid Density	Not determined
Bulk density	No information available
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). Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Inhalation	No data available.
Eye contact	No data available.
Skin Contact	Contact causes severe skin irritation and possible burns.
Ingestion	No data available.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Phenol, Styrenated 61788-44-1	2100 - 6700 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	> 2.5 mg/L (Rat) 6 h
Phenol 108-95-2	= 317 mg/kg (Rat) = 340 mg/kg (Rat)	= 630 mg/kg (Rabbit)	= 316 mg/m ³ (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

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 The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Silica, Hydrated Amorphous (Cas 7631-86-9) 112926-00-8	-	Group 3	-	-
Phenol 108-95-2	-	Group 3	-	-

Legend

IARC (International Agency for Research on Cancer)

Not classifiable as a human carcinogen

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**12. ECOLOGICAL INFORMATION**Ecotoxicity

Chemical name	Fish
Phenol	11.9 - 50.5 mg/L LC50 96 h Pimephales promelas flow-through 20.5 - 25.6 mg/L LC50 96 h Pimephales promelas static 33.9 - 43.3 mg/L LC50 96 h Oryzias latipes flow-through 23.4 - 36.6 mg/L LC50 96 h Oryzias latipes static 11.9 - 25.3 mg/L LC50 96 h Lepomis macrochirus flow-through 11.5 mg/L LC50 96 h Lepomis macrochirus semi-static 34.09 - 47.64 mg/L LC50 96 h Poecilia reticulata static 31 mg/L LC50 96 h Poecilia reticulata semi-static 27.8 mg/L LC50 96 h Brachydanio rerio 32 mg/L LC50 96 h Pimephales promelas 5.449 - 6.789 mg/L LC50 96 h Oncorhynchus mykiss flow-through 7.5 - 14 mg/L LC50 96 h Oncorhynchus mykiss static 4.23 - 7.49 mg/L LC50 96 h Oncorhynchus mykiss semi-static 5.0 - 12.0 mg/L LC50 96 h Oncorhynchus mykiss 13.5 mg/L LC50 96 h Lepomis macrochirus static

Chemical name	Crustacea
Phenol, Styrenated	DSP: >0.249 mg/l EC50 72h
Phenol	4.24 - 10.7 mg/L EC50 48 h Daphnia magna Static 10.2 - 15.5 mg/L EC50 48 h Daphnia magna

Chemical name	Algae/aquatic plants
Phenol, Styrenated	DSP: 0.326 mg/l EC50 48h

Phenol	46.42 mg/L EC50 96 h Pseudokirchneriella subcapitata 187 - 279 mg/L EC50 72 h Desmodesmus subspicatus static 0.0188 - 0.1044 mg/L EC50 96 h Pseudokirchneriella subcapitata static
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Persistence and degradability

No information available.

Bioaccumulation

Chemical name	Partition coefficient
Phenol, Styrenated 61788-44-1	>4
Phenol 108-95-2	1.5

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**

UN/ID no UN3077
Proper shipping name Environmentally hazardous substance, solid, n.o.s.
Hazard class 9
Packing group III
Special Provisions 146, 335, A112, B54, B120, IB8, IP3, N20, T1, TP33, 8
Description UN3077, Environmentally hazardous substance, solid, n.o.s. (Phenol, Styrenated), 9, III, Marine pollutant
Emergency Response Guide Number 171

IATA

UN number UN3077
Proper shipping name Environmentally hazardous substance, solid, n.o.s.
Transport hazard class(es) 9
Packing group III
Emergency Response Guide Number 9L
Special Provisions A158, A179, A97
Description UN3077, Environmentally hazardous substance, solid, n.o.s. (Phenol, Styrenated, Phenol, Styrenated), 9, III

IMDG

UN 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
Description UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PHENOL, STYRENATED, PHENOL, STYRENATED), 9, III, MARINE POLLUTANT

MEX 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/NDL - 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

TSCA Section 12(b) - Chemical Export Notification: None Listed
TSCA Section 5(a)(2) – Final Significant New Use Rules: None Listed
TSCA Section 5(a)(2) - Proposed Significant New Use Rules: None Listed
TSCA Section 5(e) – New Chemical Exposure Limits (NCELs): None Listed

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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Phenol 108-95-2	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

California Proposition 65

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause

cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Other Prop 65 components may be present in the product

Chemical name	California Proposition 65
Styrene - 100-42-5	Carcinogen

16. OTHER INFORMATION

Revision Date 17-Jun-2019
Revision Note
Revision Note SDS sections updated, 1, 2, 3, 6, 7, 8, 16.
Disclaimer

The information provided above is intended as a guide to assist in the safe handling, use, processing, storage, transportation, disposal and release of the material listed. Nothing contained herein is to be considered as an express or implied warranty of performance or quality. The information relates only to the specific material designated and may not be applicable when such material is used in combination with any other materials or as part of any process, except as otherwise expressly described herein. The information is believed to be true and correct as of the date issued. Always make sure you are using the most current information available. The material described herein is produced for commercial and industrial use only and unless otherwise specifically designated by the manufacturer in writing has not received any specific regulatory approval such as approvals for food contact or for use in medical/surgical applications or devices. It is buyer and user's sole and exclusive responsibility to ensure that any handling, use, processing, storage, transportation, disposal and release of the material complies with all applicable laws, rules and regulations.

End of Safety Data Sheet