



SAFETY DATA SHEET

WINGSTAY 29 A POWDER

Print Date: 26-May-2015

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Version 1

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

Product identifier

Product Name WINGSTAY 29 A POWDER

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 powder

Physical state Solid

Odor Aromatic

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

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

Chemical Name	CAS No.	Weight-%	Trade Secret
Benzenamine, N-phenyl, styrenated	68442-68-2	60-100	*
Diphenylamine	122-39-4	<1	*

4. FIRST AID MEASURES

First aid measures

General advice

Remove and isolate contaminated clothing and shoes.

Eye contact

In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.

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

Move victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Administer oxygen if breathing is difficult.

Ingestion

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

Self-protection of the first aider

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

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, water spray or regular foam. 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 scatter spilled material with high pressure water streams.

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

Do not touch or walk through spilled material. Stop leak if you can do it without risk.

Environmental precautions

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment

Prevent dust cloud.

Methods for cleaning up With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading.

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 container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diphenylamine 122-39-4	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³

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	Not determined
Appearance	powder	Odor	Aromatic
Color	whitish		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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pH		Not Applicable
Melting point/freezing point		No data available
Boiling point / boiling range		No information available
Flash point		Not Applicable
Evaporation rate		Not Applicable
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability limit:		No information available
Lower flammability limit:		No information available
Vapor pressure		Not Applicable
Vapor density		Not Applicable
Water solubility	DSPDA: 1.55µg/l. 20°C (OECD Guideline 105.1995)	No information available
Solubility in other solvents		No information available
Partition coefficient	DSDPA: 7.71. 25°C (OECD Guideline 123.2006) - MSDPA: 5.86. 25°C (OECD Guideline 123. 2006)	
Autoignition temperature		No data available
Decomposition temperature		Not determined
Kinematic viscosity		Not Applicable
Dynamic viscosity		Not Applicable
Explosive properties	Not an explosive	
Oxidizing properties		No information available
<u>Other Information</u>		
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
Density	1.36	
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 ProductsCarbon monoxide. Carbon dioxide (CO₂). Hydrocarbons. Nitrogen oxides (NO_x).**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzenamine, N-phenyl, styrenated 68442-68-2	>20000 mg/kg (rat)	>10000 mg/kg (rabbit)	-
Diphenylamine 122-39-4	= 1120 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

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
Benzenamine, N-phenyl, styrenated	920 mg/L LC50 96 h***
Diphenylamine	3.47 - 4.14 mg/L LC50 96 h Pimephales promelas flow-through

Chemical Name	Crustacea
Diphenylamine	1.69 - 2.46 mg/L EC50 48 h Daphnia magna

Chemical Name	Algae/aquatic plants
Diphenylamine	1.5 mg/L EC50 72 h Scenedesmus subspicatus

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Diphenylamine 122-39-4	3.5

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****Proper shipping name****Not regulated (If shipped in NON BULK packaging by ground transport)*******Hazard Class**

Environmentally hazardous substances, solid, n.o.s.

Packing Group

9

Special Provisions

III

Description

146, 335, A112, B54, B120, IB8, IP3, N20, T1, TP33, 8

Emergency Response Guide Number

UN3077, Environmentally hazardous substances, solid, n.o.s. (Benzenamine, N-phenyl, styrenated), 9, III

171

IATA**UN/ID No.**

UN3077

Proper shipping name

Environmentally hazardous substances, solid, n.o.s.

Hazard Class

9

Packing Group

III

ERG Code

9L

Special Provisions

A158, A179, A97

Description

UN3077, Environmentally hazardous substances, solid, n.o.s. (Benzenamine, N-phenyl, styrenated), 9, III

IMDG**UN/ID No.**

UN3077

Proper shipping name

Environmentally hazardous substances, solid, n.o.s.

Hazard Class

9

Packing Group

III

EmS-No.

F-A, S-F

Special Provisions

274, 335, 966, 967

Description

UN3077, Environmentally hazardous substances, solid, n.o.s. (Benzenamine, N-phenyl, styrenated), 9, III

15. REGULATORY INFORMATION

International Inventories

AICS	Not determined
DSL	Not determined
IECSC	Not determined
EINECS	Yes
ENCS	Not determined
KECL	Yes
PICCS	Not determined
TSCA	Yes
NZIoC	Not determined

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**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

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

Revision Date 08-Apr-2015

Revision Note

SDS sections updated (***)

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