

# Safety Data Sheet



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## Section 1. Chemical Product and Company Identification

**Product Name** VW 4358  
**Product Use** Alkaline powder Cleaner  
**Product Code** 4358  
**Date of Issue** 8/16/2016  
**Supersedes** 2/2/2016

### Emergency Telephone Numbers CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

## Section 2. Hazards Identification

### Emergency Overview

#### WARNING



Skin Corrosion/Irritation	Category 2
Serious eye damage/ eye irritation	Category 2A
Acute Toxicity; Oral and Inhalation	Category 4

### Precautionary Statements:

P264 Wash hands thoroughly after handling  
P270 Do not eat, drink or smoke while using this product  
P271 Use only outdoors or in a well-ventilated area  
P280 Wear protective gloves, clothing and eye protection  
P301+P312 IF SWALLOWED: Call a poison center or physician if you feel unwell  
P302+P352 IF ON SKIN: Wash with plenty of soap and water  
P304+P340 IF INHALED: Remove victim to fresh air and keep in a recovery position comfortable for breathing  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P312 Call a poison center or physician if you feel unwell  
P330 Rinse mouth  
P332+P313 IF skin irritation occurs: Get medical advice/attention  
P337+P313 IF eye irritation occurs: Get medical advice/attention  
P362 Remove contaminated clothing and wash before reuse  
P501 Dispose of in accordance with all federal, state and local pollution control regulations

### Hazard Statements:

H302 Harmful if swallowed  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H332 Harmful if inhaled

### Routes of Entry Dermal, Oral, and Inhalation

### Acute Effects:

**Eyes** Will cause irritation or eye damage depending on duration of contact  
**Skin** Prolonged or repeated contact may cause irritation and drying of skin  
**Inhalation** Can cause irritation to the nose and throat  
**Ingestion** Nausea, vomiting, and possible damage to mucous membranes

**Section 3. Composition/Information on Ingredients**

<b>Name of Hazardous Ingredients</b>	<b>CAS Number</b>	<b>% by Weight</b>
Sodium Metasilicate Pentahydrate	6834-92-0	<20
Sodium Tripolyphosphate	7758-29-4	<70
Nonylphenol Ethoxylate	127087-87-0	<10

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Flush immediately with clean water for 15 minutes. Seek medical attention.
<b>Skin Contact</b>	If irritation occurs, flush with plenty of clean water. Seek medical attention if a rash occurs or if irritation persists.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Do not induce vomiting. Give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

**Section 5. Fire Fighting Measures**

National Fire Protection Association (U.S.A)  
(estimated rating)



<b>Hazardous Combustion Products</b>	N/A
<b>Extinguishing Media</b>	Media applicable to surrounding fire
<b>Unsuitable Extinguishing Media</b>	N/A
<b>Fire Fighting Procedures</b>	Wear protective gear. Use water spray to cool fire-exposed containers.

**Section 6. Accidental Release Measures**

<b>Spill Clean Up</b>	Wear appropriate eye protection and bodily protection to reduce exposure. All spilled material must be contained and kept out of waterways, sewers and drains. The spilled powder should be vacuumed up and kept in appropriate container. Flush cleaned area thoroughly with water.
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**Section 7. Handling and Storage**

<b>Handling and Storage</b>	Keep container tightly closed when not in use. Store away from strong acids. Keep out of the reach of children. Prevent moisture from entering container. Must be tightly sealed to prevent caking.
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**Section 8. Exposure Controls/Personal Protection****Exposure Limits**

<b>Product Name</b>	<b>OSHA PEL</b>	<b>NIOSH REL</b>	<b>AIHA WEEL</b>	<b>ACGIH TLV</b>
None				

**Engineering Controls** Local exhaust is normally adequate. Use mechanical ventilation if build-up of mist or vapors is likely.

**Personal Protective Equipment (PPE)**

<b>Eyes</b>	Chemical splash goggles or face shield
<b>Body</b>	Rubber or neoprene gloves
<b>Respiratory</b>	Use a dust mask if handling large quantities of product

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Powder Solid	<b>Explosive Limits</b>	N/A
<b>Color</b>	Light Red	<b>Vapor Pressure</b>	N/A
<b>Odor</b>	No odor	<b>Vapor Density</b>	N/A
<b>Odor Threshold</b>	N/A	<b>Relative Density</b>	N/A
<b>pH 1% aqueous</b>	12.5	<b>Solubility</b>	Complete
<b>Freezing Point</b>	N/A	<b>Partition Coefficient</b>	N/A
<b>Boiling Point</b>	N/A	<b>Auto-Ignition Temp.</b>	N/A
<b>Flash Point</b>	Not combustible	<b>Decomposition Temp.</b>	N/A
<b>Evaporation Rate</b>	N/A	<b>Viscosity</b>	N/A
<b>Flammability</b>	Non-Flammable	<b>Specific Gravity</b>	N/A

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	Stable
<b>Incompatibility</b>	Strong acids
<b>Hazardous Polymerization</b>	Will not occur
<b>Hazardous Decomposition Products</b>	None
<b>Conditions to Avoid</b>	May be corrosive to some soft metals such as aluminum. Contains Sodium Metasilicate.

**Section 11. Toxicological Information**

<b>Routes of Entry</b>	Dermal, Oral and Inhalation
<b>Symptoms</b>	Irritation
<b>Skin Irritant</b>	Yes. May cause irritation to the skin
<b>Eye Irritant</b>	Yes causes serious eye irritation due to high alkalinity.
<b>Sensitizers</b>	Not determined
<b>Mutagenicity</b>	No information found
<b>Carcinogenicity</b>	No ingredient listed as a carcinogen
<b>Reproductive Toxicity</b>	No information found
<b>Target Organs</b>	No target organs

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

**Acute Toxicity**

Test	Results	Basis
<b>Dermal</b>	4,068 mg/kg	ATE determined beyond Category 4
<b>Oral</b>	1,721 mg/kg	ATE determined Category 4
<b>Inhalation</b>	2.09 mg/l	ATE determined Category 4

**Section 12. Ecological Information**

**Environmental Effects** No ecological information available.

**Section 13. Disposal Considerations**

**Waste Information** Dispose of in accordance with all Federal, State and Local pollution control regulations.

**Section 14. Transportation Information**

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	Not regulated				

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

**Section 15. Regulatory Information**

**US Federal Regulations** The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

The following substances have CERCLA reportable quantity values (in pounds):  
None

**State Regulations** None

**Section 16. Other Information**

**Last Revision** 8/16/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.