

# Safety Data Sheet

## Powder dishwashing detergent for automatic dishwasher.

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	ALLIANCE
<b>Other Identification</b>	91008-30608
<b>Recommended Use</b>	Powder dishwashing detergent for automatic dishwasher.
<b>Restrictions on Use</b>	All other uses than those indicated on the product label and technical data sheet.
<b>Supplier Identifier</b>	Mayrand Plus, 9701 Boul. Louis-H.Lafontaine, Anjou (Qc) H1J 2A3, Tél.: (450) 255-9330
<b>Emergency Phone No.</b>	Quebec Poison Control Centre (24 hours service) Quebec, (800) 463-5060 (no charge) All other places, (418) 656-8090 CANUTEC, (613) 996-6666 (collect)

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin corrosion - Category 1; Serious eye damage - Category 1; Specific target organ toxicity (single exposure) - Category 3; Health Hazard Not Otherwise Classified (HHNOC) - Category 1

#### Label Elements



Signal Word:  
Danger

#### Hazard Statement(s):

H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

#### Precautionary Statement(s):

P260 Do not breathe dusts or mists.  
P264 Wash hands and skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P271 Use only outdoors or in a well-ventilated area.

#### Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363 Wash contaminated clothing before reuse.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310 Immediately call a POISON CENTRE or doctor.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTRE or doctor.

Storage:

P405 Store locked up.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

#### Other Hazards

Not applicable.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Carbonate de sodium	497-19-8	15-40	Information not available	Information not available
Sodium Metasilicate	6834-92-0	10-30	Information not available	Information not available
Poly(oxyethylene, oxypropylene) copolymer, liquids	9003-11-6	1-5	Information not available	Information not available
Dichloroisocyanurate de sodium dihydraté	51580-86-0	1-5	Information not available	Information not available

#### Notes

Concentrations are expressed in % weight/weight.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Remove source of exposure or move to fresh air. If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor.

##### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation or a rash occurs, get medical advice or attention.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Immediately call a Poison Centre or doctor.

##### Ingestion

Rinse mouth with water. Immediately call a Poison Centre or doctor. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

#### Most Important Symptoms and Effects, Acute and Delayed

Causes severe skin burns and eye damage. May cause respiratory irritation.

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## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

Not applicable.

### Specific Hazards Arising from the Product

In the presence of fire, promptly isolate the scene by removing all persons located near the scene of the accident. Take no action involving any personal risk or without suitable training.

### Special Protective Equipment and Precautions for Fire-fighters

It is imperative that firefighters wear protective equipment and a suitable respirator equipped with a mask full-face positive pressure.

Before entry, especially into confined areas, use an appropriate monitor to check for: toxic gases or vapours.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Remove or isolate incompatible materials as well as other hazardous materials. Take no action involving any personal risk or without suitable training. Do not touch or walk through spilled material.

### Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and Materials for Containment and Cleaning Up

Small spills or leaks: contain and soak up spill with absorbent that does not react with spilled product. Flush spill area. Get expert advice before treating the spilled product with other chemicals to make it less hazardous.

### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Put on appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing the product. Keep out the reach of children. Use only in a well ventilated area. Wear appropriate respirator when ventilation is inadequate. Handle with care. Avoid operations that produce a cloud of dust.

### Conditions for Safe Storage

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10). Keep container tightly closed when not in use. Opened containers must be carefully resealed and kept upright to prevent leakage. Use appropriate container to avoid environmental contamination. Do not store in unlabeled containers.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Carbonate de sodium	Not established	Not established	Not established	Not established	Not established	Not established

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Sodium Metasilicate	Not established	Not established	Not established	Not established	Not established	Not established
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ACGIH TLV 2012  
 OSHA PEL 2012  
 AIHA WEEL 2011.

**Appropriate Engineering Controls**

The purpose of the Health and Safety Act is to eliminate hazards at the source. Where engineering controls and changes in working procedures are not sufficient to reduce exposure to this substance, the use of personal protective equipment may be necessary. These protective equipment must comply with the regulations.

**Individual Protection Measures**

**Eye/Face Protection**

Wear chemical safety goggles and face shield when contact is possible.

**Skin Protection**

Wear skin protective equipment. The selection of such equipment depends on the nature of the work to be performed.

**Respiratory Protection**

Wear appropriate respirator when ventilation is inadequate.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Basic Physical and Chemical Properties**

<b>Appearance</b>	White powder.
<b>Odour</b>	Specific to the ingredients
<b>Odour Threshold</b>	Not available
<b>pH</b>	> 13 (10% solution)
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.05 - 1.15
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)

**SECTION 10. STABILITY AND REACTIVITY**

**Reactivity**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Chemical Stability**

Normally stable. However, it absorbs moisture from the air.

**Possibility of Hazardous Reactions**

None expected under normal conditions of storage and use.

**Conditions to Avoid**

Keep away from freezing and excessive heat.

**Incompatible Materials**

Acids.

**Hazardous Decomposition Products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11. TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

Skin contact.

**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Carbonate de sodium	400 mg/m <sup>3</sup> (guinea pig) (4-hour exposure) (dust)	4090 mg/kg (rat)	> 2000 mg/kg (rabbit)
Sodium Metasilicate		> 1152-1349 mg/kg (rat)	> 5000 mg/kg (rat)
Dichloroisocyanurate de sodium dihydraté	< 1.64 mg/L (rat)	1671 mg/kg (rat)	> 5000 mg/kg (rabbit)

ATEmix Oral : Without category

**Skin Corrosion/Irritation**

Causes severe skin burns.

**Serious Eye Damage/Irritation**

Causes serious eye damage.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

The inhalation of dusts may cause irritation of the respiratory tract.

**Skin Absorption**

No known significant effects or critical hazards.

**Ingestion**

May cause burns to mouth, throat and stomach.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No known significant effects or critical hazards.

**Respiratory and/or Skin Sensitization**

Not a respiratory sensitizer. Not a skin sensitizer.

**Carcinogenicity**

The data do not allow an adequate assessment of the carcinogenic effect.

**Reproductive Toxicity****Development of Offspring**

No data on teratogenic effects have been found.

**Sexual Function and Fertility**

No data on reproductive effects have been found.

**Germ Cell Mutagenicity**

The data do not allow an adequate evaluation of the mutagenic effect.

No information was located for: Aspiration Hazard, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Effects on or via Lactation, Interactive Effects

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No known significant effects or critical hazards.

### Persistence and Degradability

No information was located.

### Bioaccumulative Potential

No information was located.

### Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

It is important to minimize or avoid the generation of waste wherever possible. Disposal of this product and solutions must always respect the provisions of the law on environmental protection and waste disposal and must remain in compliance with the requirements of local laws and regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Consult local or regional authorities.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	Not regulated	Not applicable	--	--

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

#### WHMIS 1988 Classification

D2A - Very Toxic; E - Corrosive

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## SECTION 16. OTHER INFORMATION

**Date of Preparation** août 01, 2018

**Disclaimer** Notice to reader and user : The information contained in this document is accurate to the best of our knowledge. however, the above named supplier assumes any liability whatsoever with respect to the accuracy of the informatoin contained in this document. The finl determination ond suitability of any material or product is the sole responsibility of the user. All materials may pose risk and should be used whith caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards that exist .

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