

SAFETY DATA SHEET



1. IDENTIFICATION

Product Name : ATTITUDE nature + Dishwasher Tablets - Sparkling Dishes - Phosphate-free

Recommended Use : Automatic Dishwasher Detergent

Restrictions on Use : None known.

Supplier Identifier :

9055-7588 Québec Inc. (ATTITUDE), 231 Rue Saint Honoré, Paris, France, 75001. Phone : + 33 177 75 97 03

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure. This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations.

Emergency Phone Numbers :

Poison Center : + 33 140 05 48 48

Attitude (adm.) : 514-509-7225 (available from 9:00AM to 4:00PM EST, from Monday to Friday)

2. HAZARDS IDENTIFICATION

Classified according to the Directive 1999/45/EC and the Regulation (EC) No. 1272/2008.

Classification Eye Irrit. 2 H319 Provoque une sévère irritation des yeux.

Mention d'avertissement Attention

Pictogrammes de danger



Mentions de danger H319 Provoque une sévère irritation des yeux

Conseils de prudence

P101 En cas de consultation d'un médecin, garder à disposition le récipient ou l'étiquette.
 P102 Tenir hors de portée des enfants.
 P280 Porter un équipement de protection des yeux / du visage.
 P305+P351+P338 EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer.
 P337+P313 Si l'irritation oculaire persiste: consulter un médecin.
 P411 Stocker à une température ne dépassant pas 40°C.

Indications complémentaires Contient subtilisine. Peut produire une réaction allergique.

Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : Peut irriter les yeux.

Skin : May cause irritation.

Inhalation: No adverse effects expected when used as directed.

Ingestion: May cause irritation to mouth, throat and stomach if swallowed in large quantities.

Aggravated Medical Condition : Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

For the qualitative composition please refer to the list disclosed on the finished product label in use.
 Quantitative composition is not disclosed to protect confidentiality.

Composants dangereux

Ingrédients	Quantity	Classification
Carbonate de sodium CAS 497-19-8	10 - 25%	Eye Irrit. 2, H319

Sodium carbonate peroxide CAS 15630-89-4	≥10 - <25%	Ox. Sol. 3, H272; Eye Dam. 1, H318; Acute Tox. 4, H302
Sodium silicate CAS 1344-09-8	≥2.5 - <10%	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335
Alcohols, C16-18 CAS 68439-6	≤2.5%	Eye Irrit. 2, H319
Subtilisine CAS 9014-01-1	≥0,1-<1%	Resp. Sens. 1, H334; Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335

This product does not contain hazardous chemicals at or above a reportable level as defined by regulations under EU directives hence no reporting is required in this section.

4. FIRST AID MEASURES

Inhalation :

If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Skin contact :

En cas de contact avec la peau, rincer avec de l'eau. Enlever et laver les vêtements contaminés. Si une irritation se développe et persiste, consulter un professionnel de la santé.

Eye contact :

Eviter tout contact avec les yeux. En cas de contact avec les yeux, rincer avec de l'eau pendant 15 minutes.

Ingestion :

Rincer la bouche avec de l'eau. Ne pas faire vomir. En cas d'ingestion, appeler immédiatement un centre antipoison ou un médecin. Contient des tensioactifs biodégradables.

Most Important Symptoms and Effects, Acute and Delayed :

None under normal use conditions.

Immediate Medical Attention and Special Treatment :

Not applicable.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media :

Carbone dioxide (CO2), water spray and dry chemical powder can be used to extinguish small fires .

Unsuitable Extinguishing Media :

None known.

Specific Hazards Arising from the Product :

Not applicable.

Special Protective Equipment and Precautions for Fire-fighters :

Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures :

When handling product : No special precautions required.

For you own safety, use personal protective equipment as required.

Methods and Materials for Containment and Cleaning Up :

Small quantities can be flushed to sanitary sewers, if permitted by local regulations. Dispose of in accordance with the regulations of the competent authority, in landfills or sanitary installations.

7. HANDLING AND STORAGE

Precautions for Safe Handling :

No special measures necessary provided product is used correctly.

Conditions for Safe Storage :

Keep container closed when not in use. Keep in a dry, cool and well ventilated place, away from excess heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS :

Occupational Exposure Limits :

Chemical Name	ROHS		ACGIH TLV	
	TWAEV	STEV	TWA	STEL
Not applicable.	NA	NA	NA	NA

ROHS : Regulation respecting occupational health and safety

TWAEV : Time-weighted average exposure value

STEV : Short-term exposure value

ACGIH : American Conference of Governmental Industrial Hygienists

TLV : Threshold limit value

TWA : Time-weighted average

STEL : Short-term exposure limit

Biological exposure indice :

Biological Parameter	Biological exposure indice (BEI)	Sample
Not applicable.	NA	NA

Reference : Guide de surveillance biologique de l'exposition : stratégie de prélèvement et interprétation des résultats. 7e éd., Montréal : IRSST (2012).

Appropriate Engineering Controls :

Not applicable.

Individual Protection Measures :

Eye/Face Protection : Chemical-splash goggles.

Skin Protection : Chemical-resistant gloves.

Respiratory Protection : No special requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : White to slightly colored solid

Odour : Characteristic

Odour Threshold : No data available

pH : NA

Melting Point / Freezing Point : No data available

Initial Boiling Point : No data available

Flash Point : No data available

Evaporation Rate (ether = 1) : No data available

Flammability (solid, gas) : No data available

Lower Explosive Limit : No data available

Upper Explosive Limit : No data available

Vapour Pressure : No data available

Vapour Density : No data available

Relative Density : No data available

Solubility in water : Soluble

Partition Coefficient, n-Octanol/Water : No data available

Auto-ignition Temperature : No data available

Decomposition Temperature : No data available

Dynamic Viscosity : NA

10. STABILITY AND REACTIVITY

Reactivity : Not reactive.

Chemical Stability : Normally stable under normal conditions of storage and use.

Possibility of Hazardous Reactions : None expected under normal conditions of storage and use.

Conditions to Avoid : None known.

Incompatible Materials : None known.

Hazardous Decomposition Products : None known.

11. TOXICOLOGICAL INFORMATION			
Likely Routes of Exposure : Inhalation; skin contact; eye contact; ingestion.			
Acute Toxicity :			
Oral Toxicity (rat, mg/kg) :		Dermal Toxicity (rabbit, mg/kg) :	Inhalation Toxicity (rat, ppm) :
LD50 calculated: > 5 000		LD50 calculated: > 5 000	LC50 calculated: ND
Skin / Eye Irritation : Provoque une sévère irritation des yeux.		Germ Cell Mutagenicity : No known effect.	
Respiratory and/or Skin Sensitization : No known effect.		Target Organ Effects : No known effect.	
Carcinogenicity : No known effect.		Reproductive Toxicity : No known effect.	
12. ECOLOGICAL INFORMATION			
Aquatic Ecotoxicology : LC50 > 100 mg product / L		Method : ingredient based calculation	
Terrestrial Ecotoxicology : LC50 > 100 mg product / L		Method : ingredient based calculation	
Persistence and Degradability : Readily and rapidly degradable. All organic substances contained in the product achieve >60% BOD/COD or CO2 liberation, or >70% reduction in tests for ease of degradability. Threshold values for "readily degradable" are reached (e.g. OECD method 301).			
Bioaccumulative potential : ND	Mobility : ND	Other adverse effects : ND	
13. DISPOSAL CONSIDERATIONS			
Disposal Methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Landfill or flush small quantities to sanitary sewers, if permitted by local regulations. Rinse and recycle bottle or tube, if recommended by local regulation.			
14. TRANSPORT INFORMATION			
Product is not hazardous in terms of the transport regulations (ADR/RID, IMDG code, ICAO-TI/IATA-DGR).			
15. REGULATORY INFORMATION			
This cosmetic product is governed by Regulation (EC) No 1223/2009 (as amended) and is therefore exempted from the creation of a Safety Data Sheet of Regulation (EC) No 453/2010			
Chemical Safety Assessment : Chemical safety assessments for substances in this mixture were not carried out.			
SARA 313 Toxic Chemicals : None		SARA 302 Extremely Hazardous Substances : None	
CERCLA Hazardous Chemicals : None		California Proposition 65 : None	
TSCA 12(b) Components : None		WHMIS Hazard Class : None	
16. OTHER INFORMATION			
The information in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or any process.			
Sources Used : General chemical references found in related SDS.			
Prepared by : ATTITUDE	Phone : 514-509-7225	Date of issue : 2020-11-05	Review Date : 2022-09-28
Legend : NA – Not Applicable , ND – Not Determined, NV – Not Available			

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