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SECTION 1: Identification of the substance/mixture and of t he company/ undertaking

· 1.1 Product identifier

· Trade name: Ares® Green Preference® Laundry Detergent

·

· 1.2 Relevant identified uses of the substance or mixture and uses advi sed against
No further relevant information available.

· Application of the substance / the mixture Cleaning material/ Detergent

· 1.3 Details of the supplier of the Safety Data Sheet
· Manufacturer/Supplier:
First Preference Products Corp.
425 Whitehead Ave
South River, NJ 08882
Phone: 518.656.4148

· 1.4 Emergency telephone number:
First Preference Products Corp..
(800)414-7964, +1 (518)656-4148

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture
· Classification according to Regulation (EC) No 1272/2008
Classifications listed also are applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200).

Eye Irrit. 2 H319 Causes serious eye irritation.

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Irritant

R36: Irritating to eyes.

· Information concerning particular hazards for human and environment:
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
· Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

· 2.2 Label elements
· Labelling according to Regulation (EC) No 1272/2008
The product is additionally classified and labelled according to the Globally Harmonized System within the United States (GHS).
The product is classified and labelled according to the CLP regulation.

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· Hazard pictograms

GHS07

· Signal word Warning

· Hazard-determining components oflabelling:
alcohols, C9-11, ethoxylated
· Hazard statements
H319 Causes serious eye irritation.
· Precautionary statements

P280	Wear eye protection.
P264	Wash thoroughly after handling.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

· Hazard description:
· WHMIS-symbols:
D2B - Toxic material causing other toxic effects

· NFPA ratings (scale 0 - 4)

Health = 1
Fire = 0
Reactivity = 0

· HMIS-ratings (scale 0 - 4)

Health = 1
Fire = 0
Reactivity = 0

· HMIS Long Term Health Hazard Substances
None of the ingredients are listed.

· 2.3 Other hazards
· Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

· 3.2 Mixtures
· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2	sodium carbonate Xi R36 Eye Irrit. 2, H319	25-50%
CAS: 15630-89-4 EINECS: 239-707-6	disodium carbonate, compound with hydrogenperoxide (2:3) Xn R22; Xi R41; O R8 Ox. Sol. 2, H272 Eye Dam. 1, H318 Acute Tox. 4, H302	2,5-10%
CAS: 68439-46-3 NLP: 500-446-0	alcohols, C9-11, ethoxylated Xi R41 Eye Dam. 1, H318	2,5%
CAS: 61789-40-0 EINECS: 263-058-8	Cocoamidopropyl Betaine Xi R36 Eye Irrit. 2, H319	2,5%

· Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description offirst aid measures
· General information: Immediately remove any clothing soiled by the product.
· After inhalation: Supply fresh air; consult doctor in case of complaints.
· After skin contact:
Brush off loose particles from skin.
Immediately rinse with water.
If skin irritation continues, consult a doctor.
· After eye contact:
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· After swallowing:
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
· 4.2 Most important symptoms and effects, both acute and delayed
Irritant to eyes.
Gastric or intestinal disorders when ingested.
Nausea in case of ingestion.
· Hazards No further relevant information available.
· 4.3 Indication of any immediate medical attention and special t reatment needed
No further relevant information available.

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SECTION 5: Firefighting measures

· 5.1 Extinguishing media
· Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
· For safety reasons unsuitable extinguishing agents: None.
· 5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
· 5.3 Advice for firefighters
· Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.
· Additional information No further relevant information available.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
Ensure adequate ventilation
Product forms slippery surface when combined with water.
· 6.2 Environmental precautions:
Do not allow to enter sewers/ surface or ground water.
Damp down dust with water spray.
· 6.3 Methods and material for containment and cleaning up:
Pick up mechanically.
Dispose contaminated material as waste according to item 13.
Clean the affected area carefully; suitable cleaners are:
Warm water
· 6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling
Store in cool, dry place in tightly closed receptacles.
Prevent formation of dust.
Any unavoidable deposit of dust must be regularly removed.
· Information about fire - and explosion protection: No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities
· Storage:
· Requirements to be met by storerooms and receptacles:
Avoid storage near extreme heat, ignition sources or open flame.
Protect from humidity and water.

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· Information about storage in one common storage facility:
Store away from foodstuffs.
Do not store together with oxidising and acidic materials.
· Further information about storage conditions:
Store in dry conditions.
This product is hygroscopic.
· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters
· Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· DNELs No further relevant information available.
· PNECs No further relevant information available.
· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls
· Personal protective equipment:
· General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale dust / smoke / mist.
Avoid close or long term contact with the skin.
Avoid contact with the eyes.
· Respiratory protection:
Not required under normal conditions of use.
For spills, respiratory protection may be advisable.
· Protection of hands:
Wear protective gloves to handle contents of damaged or leaking units.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
· Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufactu rer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:

Safety glasses

· Body protection: Protective work clothing
· Limitation and supervision of exposure into the environment
No further relevant information available.
· Risk management measures
See Section 7 for additional information.
No further relevant information available.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties
· General Information
· Appearance:

Form:	Powder
Colour:	White
· Odour:	Odourless
· Odour threshold:	Not determined.
· pH-value:	10,00 - 11,00 (1% solution)
· Change in condition	
Melting point/Melting range:	Not Determined.
Boiling point/Boiling range:	Undetermined.
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not determined.
· Auto/Self-ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not applicable.
· Density at 20 °C:	0,85 - 1,05 g/cm³
· Relative density	Not determined.
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.

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· Solubility in / Miscibility with water:	Soluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity
· 10.2 Chemical stability
· Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.
· 10.3 Possibility of hazardous reactions
Reacts with strong acids and oxidising agents.
As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes risk of dust explosion.
Toxic fumes may be released if heated above the decomposition point.
· 10.4 Conditions to avoid
Store away from oxidising agents.
Moisture.
· 10.5 Incompatible materials: No further relevant information available.
· 10.6 Hazardous decomposition products:
Carbon monoxide and carbon dioxide
Chlorine compounds

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects
· Acute toxicity:
· Primary irritant effect:
· on the skin: Slight irritant effect on skin and mucous membranes.
· on the eye: Irritating effect.
· Sensitisation: No sensitising effects known.
· Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

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SECTION 12: Ecological information

· 12.1 Toxicity
· Aquatic toxicity: No further relevant information available.
· 12.2 Persistence and degradability No further relevant information available.
· 12.3 Bioaccumulative potential No further relevant information available.
· 12.4 Mobility in soil No further relevant information available.
· Ecotoxical effects:
· Remark: After neutralisation a reduction of the harming action may be recognised
· Additional ecological information:
· General notes:
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms.If the dilution of the use-level pH-value is considerably reduced, the aqueous waste, emptied into drains, is only low water-dangerous.
· 12.5 Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.
· 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods
· Recommendation
Small amounts may be diluted with plenty of wate r and washed away. Dispos e of bigger amounts in accordance with Local Authority requirements.
Can be disposed of with household garbage with prior chemical-physical or biological treatment following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

· Uncleaned packaging:
· Recommendation: Disposal must be made according to official regulations.
· Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· 14.1 UN-Number
· DOT, ADR, ADN, IMDG, IATA Not Regulated
· 14.2 UN proper shipping name
· DOT, ADR, ADN, IMDG, IATA Not Regulated

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· 14.3 Transport hazard class(es)

· DOT, ADR, ADN, IMDG, IATA
· Class Not Regulated
· 14.4 Packing group
· DOT, ADR, IMDG, IATA Not Regulated
· 14.5 Environmental hazards:
· Marine pollutant: No
· 14.6 Special precautions for user Not applicable.
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
· UN "Model Regulation": -

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for th e substance or mixture
· United States (USA)
· SARA

· Section 355 (extremely hazardous substances):
None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.

· TSCA (Toxic Substances Control Act):
All ingredients are listed.

· Proposition 65 (California):
· Chemicals known to cause cancer:
Present in trace quantities.

79-43-6	dichloroacetic acid
50-00-0	formaldehyde
75-07-0	acetaldehyde

· Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.

· Chemicals known to cause reproductive toxicity for males:
Present in trace quantities.

79-43-6	dichloroacetic acid

· Chemicals known to cause developmental toxicity:
Present in trace quantities.

79-43-6	dichloroacetic acid

· Carcinogenic Categories

· EPA (Environmental Protection Agency)
None of the ingredients are listed.

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· IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

· TLV (Threshold Limit Value established by ACGIH)

None of the ingredients are listed.

· NIOSH-Ca (National Institute for Occupational Safety and H ealth)

None of the ingredients are listed.

· Canada

· Canadian Domestic Substances List (DSL)

All ingredients are listed.

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients are listed.

· Canadian Ingredient Disclosure list (limit 1%)

497-19-8	sodium carbonate

· Other regulations, limitations and prohibitive regulatio ns

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

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients are listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. Ho wever, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

R22 Harmful if swallowed.
R36 Irritating to eyes.
R41 Risk of serious damage to eyes.
R8 Contact with combustible material may cause fire.

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises da ngereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)

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NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
Ox. Sol. 2: Oxidising Solids, Hazard Category 2
Acute Tox. 4: Acute toxicity, Hazard Category 4
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

· Sources

SDS Prepared by:
First Preference Products Corp..

Website: www.firstpref.com