

1. Identification

Product Identifier

Product Name Waterborne Prep Cleaner Concentrate (4oz)

Other means of identification

SDS # 40004

Recommended use of the chemical and restrictions on use

Recommended Use Alkaline cleaner/ detergent

Details of the supplier of the safety data sheet

Supplier Address

Seymour of Sycamore	Seymour of Sycamore
917 Crosby Avenue	3041 Dougall Avenue, Suite 503
Sycamore, IL 60178 USA	Windsor, ONT N9E 1S3 CANADA

Emergency Telephone Number

Company Phone Number 815-895-9101 | 800-435-4482 (Canada)
Emergency Telephone (24 hr) 1-800-255-3924

2. Hazards Identification

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2



Hazard-determining components of labelling Disodium Metasilicate Pentahydrate
 tetrasodium ethylenediaminetetraacetate

Signal Word Warning

Hazard Statements Causes skin irritation
 Causes serious eye irritation

Precautionary Statements - Prevention Do not handle until all safety precautions have been read and understood
 Wear protective gloves/eye protection
 Wash thoroughly after handling

Precautionary Statements - Response If exposed or concerned: Get medical advice/attention
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing If eye irritation persists: Get medical advice/attention
 IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse
 If skin irritation or rash occurs: Get medical advice/attention

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Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF ON SKIN: Wash with plenty of soap and water
 Take off contaminated clothing and wash it before reuse
 If skin irritation or rash occurs: Get medical advice/attention

Other Hazards

Toxic material causing other toxic effects

NFPA	Health Hazards 1	Flammability 0	Reactivity 0
HMIS	Health Hazards 1	Flammability 0	Reactivity 0

3. Composition/Information On Ingredients

Chemical Name	CAS No	NLP/EINECS
alcohols, C12-15, ethoxylated	68131-39-5	500-195-7
Disodium Metasilicate Pentahydrate	10213-79-3	229-912-9
tetrasodium ethylenediaminetetraacetate	64-02-8	200-573-9

For the listed ingredients, the identity and exact percentages are being withheld as a trade secret. For the wording of the listed risk phrases refer to section 16.

4. First-Aid Measures

Description of first aid measures

General Advice

Immediately remove any clothing soiled by the product.

Eye Contact

Protect unharmed eye. Remove contact lenses if worn.
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Skin Contact

Immediately rinse with water.
 If skin irritation continues, consult a doctor.

Inhalation

Supply fresh air; consult doctor in case of complaints.

Ingestion

Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects, both acute and delayed

Symptoms

Irritating to eyes and skin. Cramp, Gastric or intestinal disorders when ingested. Nausea in case of ingestion.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically. No further relevant information available.

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5. Fire-Fighting Measures

Suitable Extinguishing Media	Use fire extinguishing methods suitable to surrounding conditions.
Unsuitable Extinguishing Media	Not determined.
Specific Hazards Arising from the Chemical	Formation of toxic gases is possible during heating or in case of fire.
Protective equipment and precautions for firefighters	Wear self-contained respiratory protective device. Wear fully protective suit.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
Environmental Precautions	Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Methods and material for containment and cleaning up

Methods for Containment	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Send for recovery or disposal in suitable receptacles. Clean the affected area carefully; suitable cleaners are: Warm water
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7. Handling And Storage

Precautions for safe handling

Advice on Safe Handling	Prevent formation of aerosols. Use only in well ventilated areas. Avoid splashes or spray in enclosed areas.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Store only in the original receptacle. Unsuitable material for receptacle: aluminium. Store away from foodstuffs. Do not store together with oxidising and acidic materials. Store away from metals.
Further information about storage conditions	Store in cool, dry conditions in well sealed receptacles. Keep container tightly sealed.

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8. Exposure Controls/Personal Protection

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.

Exposure controls

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. Do not inhale gases / fumes / aerosols. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Eye Protection: Safety glasses

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

Protective gloves

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 manufacturer. 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. For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR, PVC gloves

9. Physical And Chemical Properties

Information on basic physical and chemical properties

Physical State : Liquid

Color: Green

Odor: Odourless

Odor Threshold: Not determined

Property	Values	Remarks • Method
pH-value at 20 °C (68 °F)	12,5	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not applicable	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not applicable	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Water Solubility	Fully miscible	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not applicable	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not applicable	

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10. Stability And Reactivity

Reactivity	Not reactive under normal conditions.
Chemical Stability	Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.
Possibility of Hazardous Reactions	Toxic fumes may be released if heated above the decomposition point. Reacts with strong acids and oxidising agents. Reacts with certain metals.
Conditions to Avoid	Store away from oxidising agents. Keep away from heat and direct sunlight.
Incompatible Materials	No further relevant information available.
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide. Nitrogen oxides

11. Toxicological Information

Information on likely routes of exposure

Product Information	
Acute toxicity:	LD/LC50 values relevant for classification: None
Eye Contact	Avoid contact with eyes. Irritating effect.
Skin Contact	Avoid contact with skin. Irritant to skin and mucous membranes. No sensitising effects known.
Subacute to chronic toxicity:	No further relevant information available.
Acute effects (acute toxicity, irritation and corrosivity):	Causes skin and eye irritation. Irritating to eyes.
Repeated dose toxicity:	No further relevant information available.

12. Ecological Information

Ecotoxicity	Toxic to aquatic life with long lasting effects.
Component Information	
Aquatic toxicity:	No further relevant information available.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.
Mobility in soil:	No further relevant information available.
Ecotoxicological effects:	Remark: After neutralisation a reduction of the harming action may be recognised

Additional ecological information:

General notes:	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. 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.
Results of PBT and vPvB assessment	
PBT:	Not applicable
vPvB:	Not applicable
Other Adverse Effects	No further relevant information available

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13. Disposal Considerations

Waste Treatment Methods

Recommendation Small amounts may be diluted with plenty of water and washed away. Dispose of larger amounts in accordance with Local Authority requirements. 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 only

14. Transport Information

UN-Number		Packing Group	
DOT, ADR, ADN, IMDG, IATA	Not regulated	DOT, ADR, IMDG, IATA	Not Regulated
UN proper shipping name		Environmental hazards	
DOT, ADR, ADN, IMDG, IATA	Not Regulated	Marine pollutant	No
Transport hazard class(es)		Special precautions for user	Not applicable.
DOT, ADR, ADN, IMDG, IATA	Class Not Regulated	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the 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: None of the ingredients are listed.
- Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.
- Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.
- Chemicals known to cause developmental toxicity: None of the ingredients are listed.
- Carcinogenic Categories
- EPA (Environmental Protection Agency) None of the ingredients are listed.
- 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 Health) 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%) None of the ingredients are listed.
 - Other regulations, limitations and prohibitive regulations: 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.
- Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16. Other Information

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

Relevant phrases

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
R20/22	Harmful by inhalation and if swallowed.
R34	Causes burns.
R37	Irritating to respiratory system.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

ADR: Accord européen sur le transport des marchandises dangereuses 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)

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Met. Corr.1: Corrosive to metals, Hazard Category 1

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1 B

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure,
 Hazard Category 3

Aquatic Acute 1: Hazardous to the aquatic environment -
 AcuteHazard, Category 1

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.