



## Safety Data Sheet

### 1. Identification

Product Identifier : Enzyme Detergent NP

Recommended Uses : Laundry Detergent

Supplier : CP Industries Ltd.  
P.O. Box 300  
535 Dickson Drive  
Fergus, Ontario  
N1M 2W8

Emergency Telephone : (613) 996-6666 (CANUTEC)

### 2. Hazard Identification

Product Classifications :	Skin Corrosion/Irritation	Category 2
	Serious Eye Damage/Eye Irritation	Category 1
	Reproductive Toxicity	Category 2

Symbols :



Signal Word : Danger

Hazard Statements : Causes skin irritation.  
Causes serious eye damage.  
Suspected of damaging fertility or the unborn child.

Precautionary Statements : Do not breathe dusts. Wear protective gloves and eye protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CONTROL CENTRE or doctor.

IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention.

IF exposed or concerned: Get medical advice.

Store locked up. Dispose of contents/container according to local, provincial and federal regulations.

### 3. Composition/Information on Ingredients

Hazardous Ingredients :

Chemical Name	CAS Number	Concentration (% w/w)*
Sodium carbonate	497-19-8	30 – 60
Linear alcohol ethoxylate	97043-91-9	10 – 30
Sodium borate pentahydrate	12179-04-3	7 – 13
Sodium metasilicate	6834-92-0	3 – 7
Sodium percarbonate	15630-89-4	1 – 5

\*The actual concentration is withheld as a trade secret.

### 4. First Aid Measures

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CONTROL CENTRE or doctor.

IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs, get medical attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell.

IF INHALED: Remove person to fresh air. Get medical attention if you feel unwell.

IF exposed or concerned: Get medical advice.

Symptoms of Acute Exposure :

Eye contact :	Burns, redness, watering, pain, loss of vision.
Skin contact :	Irritation, redness, itching.
Ingestion :	Irritation to mouth, throat and stomach.
Inhalation :	Irritation to nose, throat and respiratory tract.

### 5. Fire Fighting Measures

Suitable Extinguishing Media :

As for surrounding fire. Suitable materials include water spray, dry chemical, carbon dioxide, and alcohol-resistant foam.

Unsuitable Extinguishing Media :

Not available.

Specific Hazards and Combustion Products :

Non-combustible. During fire, gases hazardous to health may be formed. Combustion products include oxides of carbon.

Protective Equipment and Precautions  
for Firefighters :

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Move containers from fire area if possible without risk. Keep containers cool with water spray. Collect contaminated fire extinguishing water and other media separately.

## 6. Accidental Release Measures

- Personal Precautions : Immediately evacuate personnel to safe areas. Provide adequate ventilation. Wear appropriate personal protective equipment (See Section 8: Exposure controls / Personal protection). Only trained and properly protected personnel must be involved in clean-up operations. Material may create slippery conditions.
- Containment and Clean Up : Stop leak if it is safe to do so. Contain spilled material, where possible. Avoid dust formation. Use appropriate tools to put the spilled solid into a suitable closed container for disposal. Avoid dispersal of spilled material or contact with soil or entry into waterways, sewers and drains. Dispose of contents/containers according to local, provincial, and federal regulations. Following product recovery, flush area with water.

## 7. Handling and Storage

- Handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin, eyes, and clothing. Use personal protective equipment as required (See Section 8: Exposure controls / Personal protection). Wash thoroughly after handling.
- Storage : Keep away from incompatible materials (See Section 10: Stability and Reactivity). Keep away from strong acids. Store in a cool, dry, well-ventilated place. Keep container tightly closed when not in use. Store locked up.

## 8. Exposure Controls/Personal Protection

Control Parameters :

Chemical Name	CAS Number	Value type	Permissible Concentration	Basis
Sodium carbonate	497-19-8	TLV	Not available	
Linear alcohol ethoxylate	97043-91-9	TLV	Not available	
Sodium borate pentahydrate	12179-04-3	TLV-TWA	2 mg/m <sup>3</sup>	ACGIH
Sodium metasilicate	6834-92-0	TLV-TWA	2 mg/m <sup>3</sup>	ACGIH
Sodium percarbonate	15630-89-4	TLV	Not available	

Engineering Controls : Ensure adequate ventilation.

Personal Protection :

Eye/Face : Safety glasses or chemical splash goggles.  
 Skin : Chemical-resistant protective gloves.  
 Respiratory : If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.  
 Other : Long pants and long sleeved shirt.

## 9. Physical and Chemical Properties

Appearance : White powder  
 Odour : Not available  
 Odour Threshold : Not available  
 pH : Not available  
 Freezing Point : Not available  
 Boiling Point : Not available  
 Flash Point : Not available  
 Evaporation Rate : Not available  
 Flammability (solids and gases) : Non-flammable  
 Lower Flammability Limit : Not applicable  
 Upper Flammability Limit : Not applicable  
 Vapour Pressure : Not available  
 Vapour Density : Not available  
 Relative Density : Not available  
 Solubility : Complete in water  
 Partition Coefficient : Not available  
 Auto-ignition Temperature : Not available  
 Decomposition Temperature : Not available  
 Viscosity : Not available

## 10. Stability and Reactivity

Reactivity :	With incompatible materials.
Chemical stability :	Chemically stable.
Hazardous reactions :	With incompatible materials. Polymerization not expected to occur.
Conditions to avoid :	Avoid incompatible materials.
Incompatible materials :	Strong acids.
Hazardous decomposition products :	Not applicable.

## 11. Toxicological Information

### Routes of Exposure :

Eye contact :	Causes serious eye damage.
Skin contact :	Causes skin irritation.
Ingestion :	Causes irritation to mouth, throat and stomach.
Inhalation :	Causes irritation to nose, throat and respiratory tract.

### Symptoms of Acute Exposure :

Eye contact :	Burns, redness, watering, pain, loss of vision.
Skin contact :	Irritation, redness, itching.
Ingestion :	Irritation to mouth, throat and stomach.
Inhalation :	Irritation to nose, throat and respiratory tract.

Chronic Effects : Sodium borate pentahydrate - May damage fertility or the unborn child.

### Calculated Acute Toxicity Estimates

Oral :	3,000 – 3,500 mg/kg
Dermal :	2,500 – 3,000 mg/kg
Inhalation :	Not available.

## 12. Ecological Information

Not available.

## 13. Disposal Considerations

Dispose of contents/container according to local, provincial and federal regulations.

## 14. Transportation Information

For transportation in a road vehicle or a railway vehicle :

TDG Classification : Not Regulated.

## **15. Regulatory Information**

Not available.

## **16. Other Information**

SDS Revision Date : January 15, 2020