

CLEAN ADD NO. 2

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Date prepared: 5 May, 2016
MSDS : Clean Add 2 SDS GHS

1. IDENTIFICATION

Product Identifier

Product Name CLEAN ADD NO. 2

Recommended use of the chemical and restrictions on use

Recommended use Water softening agent

Restrictions on use For industrial use only

Supplier details

West Penetone Inc.
10900 Secant
Montreal, QC,
H1J 5S1
Tel: 514-355-4660

Emergency Telephone Number

Canutec (613)-996-6666

2. HAZARDS IDENTIFICATION

Classification

Eye damage/Irritation	Category 1
Skin corrosion/irritation	Category 2
Corrosive to metals	Category 1

Label Elements

DANGER

Hazard Statements

Causes serious eye damage
Causes skin irritation
May be corrosive to metals.



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep only in original packaging.

Precautionary Statements - Response

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 CENTER or doctor/physician.
IF ON SKIN (or hair): Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.
Absorb spillage to prevent material damage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Tetrasodium ethylenediamine tetraacetate	64-02-8	37-40
Sodium hydroxide	1310-73-2	0.5-1.6

4. FIRST AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
Skin contact	Rinse skin with water. Wash contaminated clothing before reuse.
Inhalation	Not applicable
Ingestion	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Causes burns to eyes and irritation to skin. Symptoms include tingling sensation and / or reddening.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None.

Specific hazards arising from the chemical

None known.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Rinse area with plenty of water.

7. HANDLING AND STORAGE**Precautions for Safe Handling**

Handling Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials Zinc, aluminum, copper

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters**

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV
Sodium hydroxide 1310-73-2	STEL: 2 mg/m ³

Appropriate engineering controls

Engineering Controls Not required.

Individual protection measures, such as personal protective equipment

Eye/face Protection Safety goggles.

Skin and body protection Wear protective gloves.

Respiratory Protection Not required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE :**

Clear, pale yellow liquid

ODOR

None

ODOR THRESHOLD :

Not applicable

pH :

> 13.5

MELTING POINT / FREEZING POINT :

-25°C

BOILING POINT/BOILING RANGE :

106°C

VAPOR PRESSURE, mm Hg AT 20°C :

Not applicable

VAPOR DENSITY (Air = 1) :

Not applicable

RELATIVE DENSITY AT 20°C:

1.31

SOLUBILITY IN WATER :

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER :

Not available

AUTO-IGNITION TEMPERATURE :

None

FLASH POINT :

None

EVAPORATION RATE, water = 1 :

1

FLAMMABILITY (SOLID, GAS):

Not applicable

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

20 cps @ 20°C

FLAMMABLE LIMITS :**UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

Conditions to Avoid

None.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

None

Incompatible Materials

Zinc, aluminum, copper

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Tetrasodium ethylenediamine tetraacetate 64-02-8	> 2000 mg/kg (Rat)	> 5000 mg/kg (rabbit)	Not applicable
Sodium hydroxide 1310-73-2	500 mg/kg (Rabbit LDLo)	1350 mg/kg (Rabbit)	Not applicable

Information on likely sources of exposure**Serious eye damage/irritation**

Causes serious eye damage.

Skin corrosion/irritation

Causes skin irritation.

Delayed and immediate effects and also chronic effects from short and long-term exposure**Respiratory or skin sensitization**

No data available.

Germ cell mutagenicity

None known.

Carcinogenicity

No listed human

carcinogens.

Reproductive toxicity

None known.

STOT - single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration Hazard

None.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms include tingling sensation and / or reddening of eyes and tissues.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

96 hour LC50 > 100mg/L, fathead minnow, bluegill sunfish

Persistence and degradabilityBOD20 < 2.5%; COD 0.19 – 0.28 mg O₂/mg**Bioaccumulative potential**

Low

Mobility in soil

No information available

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION**TDG classification**

UN1760, corrosive liquid n.o.s. (sodium hydroxide), class 8, PG III

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

16. OTHER INFORMATION**Preparation Date**

5 May, 2016

Revision Date

not applicable

Revision Note

not applicable

Disclaimer

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End of SDS