

Safety Data Sheet

MANUFACTURED FOR:



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Section 1. Chemical Product and Company Identification

Product Name CCL One Pass
Product Use Automated Locomotive Cleaner
Product Code 103088
Date of Issue 1/6/2017
Supersedes 10/28/2016

Emergency Telephone Numbers

INFOTRAC: 1-800-535-5053

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

Acute Toxicity; Oral Category 4
Skin Corrosion/Irritation Category 1A
Serious eye damage/ eye irritation Category 1

Physical Hazards

Corrosive to metals Category 1

Precautionary Statements:

P234 Keep only in original container
P260 Do not breathe mist/vapors/spray
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using product
P280 Wear protective gloves, clothing and eye protection
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P330 Rinse mouth
P363 Wash contaminated clothing before reuse
P390 Absorb spillage to prevent material damage
P404 Store in a closed container
P405 Store locked up
P501 Dispose of in accordance with all federal, state and local regulations

Hazard Statements:

H290 May be corrosive to metals
H314 Causes severe skin burns and eye damage
H302 Harmful if swallowed

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes May cause severe burns and permanent eye damage, including blindness. Severity increases with duration of contact.
Skin Causes mild irritation to severe burns depending on duration of contact.
Inhalation May cause irritation nausea, headache, dizziness, and pain
Ingestion May cause diarrhea, vomiting, burns, and tissue ulceration

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS Number	% by Weight
Sodium Hydroxide	1310-73-2	5-10
Sodium xylene Sulphonate	1300-72-7	5-10
Monoethanolamine	141-43-5	1-5
Alcohol, C10-14, ethoxylated	66455-15-0	1-5
Nonylphenol, ethoxylated	127087-87-0	1-5
Benzenesulfonic acid, C10-16- alkyl derivs.	68584-22-5	1-5
Trisodium Nitrilotriacetate	5064-31-3	0.1-1
Tetrasodium ethylenediaminetetraacetate	64-02-8	10-20

Section 4. First Aid Measures

Eye Contact Flush immediately with plenty of clean water for at least 15 minutes holding eyelids apart. Seek immediate medical attention. Small amount of splashed product in eyes can cause irreversible tissue damage. Remove contact lens if present and easy to do. Continue rinsing.

Skin Contact Flush immediately with plenty of clean water for at least 15 minutes while removing contaminated clothing and shoes; wash before reuse. Discard contaminated shoes and leather articles. Seek medical attention.

Inhalation Remove to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.

Ingestion Do not induce vomiting. Rinse mouth with water. Drink several glasses of water. If vomiting occurs, use methods to avoid aspiration. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products Carbon dioxide, carbon monoxide, oxides of sulfur and nitrogen

Extinguishing Media Water, foam, carbon dioxide, dry chemical

Unsuitable Extinguishing Media High volume water jet

Fire Fighting Procedures Wear self containing breathing apparatus for firefighting if necessary. Use appropriate fire fighter procedure to treat surrounding fire. Do not allow waste water to enter drains. Collect contaminated firefighter extinguishing water separately. Dispose of according to local regulations.

Section 6. Accidental Release Measures

Spill Clean Up Wear appropriate personal protective equipment while handling spills. All spilled material must be contained and kept out of drains. The spilled chemical should be absorbed with an inert material such as sand, silica gel, universal binder and sawdust. Keep in a labeled disposal container. If possible, neutralize with acid.

Section 7. Handling and Storage

Handling Must wear appropriate personal protective equipment before handling product. Avoid contact with skin and eyes. To avoid spills keep bottle in a metal tray. Dispose of rinse water in according with local and national regulations. Always practice good hygiene measures such washing hand before breaks and after using product. Do not eat, drink or smoke while using this product.

Storage

Store product in a closed labeled container in a dry well-ventilated area. . Avoid leakage by re-sealing container after use and storing in an upright position. . Observe label precautions. Electrical installation/ working materials must comply with technological safety standards. Do not store near acids. Do not store in excessive heat or near heat sources. Do not freeze.

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Sodium Hydroxide (1310-73-2)	2 mg/m ³	2 mg/m ³	-	2 mg/m ³
Monoethanolamine (141-43-5)	6 mg/m ³	8 mg/m ³	-	8 mg/m ³

Engineering Controls

Use In a well-ventilated area

**Personal Protective Equipment (PPE)**

Eyes Safety goggles recommended or Face shield and safety glasses

Body Wear neoprene or nitrile gloves. Wear an impervious synthetic apron to protect body. Depending on concentration of product used may require a full suit. Wear closed toe boots.

Respiratory Usually not required with general use but if used in areas where product may become mist or vaporized excessively, use a NIOSH approved respirator to reduce exposure to the respiratory tract.

Section 9. Physical and Chemical Properties

Physical State	Liquid	Explosive Limits	No data available
Color	Clear	Vapor Pressure	No data available
Odor	Characteristic mild odor	Vapor Density	No data available
Odor Threshold	N/A	Relative Density	Not determined
pH	13-14	Solubility	Soluble in water
Freezing Point	N/A	Partition Coefficient	No data available
Boiling Point	212°F	Auto-Ignition Temp.	No data available
Flash Point	Not determined	Decomposition Temp.	No data available
Evaporation Rate	Not determined	Viscosity	Not determined
Flammability	Not flammable	Specific Gravity	1.16-1.18

Section 10. Stability and Reactivity

Stability and Reactivity	Stable under normal conditions and use.
Incompatibility	Strong oxidizing agents. Acids
Hazardous Polymerization	No polymerization will occur
Hazardous Decomposition Products	Carbon, Sulfur and Nitrogen oxides
Conditions to Avoid	Do not store near acids. May react with soft metals such as aluminum and copper. Strong oxidizing agents.

Section 11. Toxicological Information

Routes of Entry	Dermal, oral and inhalation
Symptoms	Causes burns
Skin Irritant	Corrosive to skin
Eye Irritant	Corrosive to eyes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	No ingredient listed as a carcinogen

Reproductive Toxicity No information found
Target Organs None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	4,831 mg/kg	ATE determined beyond Category 4
Oral	1,637 mg/kg	ATE determined Category 4
Inhalation	-	

Acute Toxicity for Components

Component	Results
Monoethanolamine	Oral: rabbit LD50 1000mg/kg
	Oral: rat LD50 1720mg/kg
	Dermal: rabbit LD50 1mL/kg
Sodium Hydroxide	Oral: rabbit LDLo 500mg/kg (500mg/kg)
Alcohol C10-14, ethoxylated	Oral Rat LD50 1200 mg/kg

Section 12. Ecological Information

Environmental Effects No ecological information available

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations. Do not allow product to enter drains and waterways.

Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN3266	Corrosive Liquid, Basic Inorganic n.o.s (Sodium Hydroxide)	8	PGII	Corrosive

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

The following substances have CERCLA reportable quantity values (in pounds):

State Regulations None **Sodium Hydroxide** **1310-73-2** **1,000**

Section 16. Other Information

Last Revision 1/6/2017
Update to Sections:
1,2,11 & 16

Further Information

NFPA:

Flammability



HMIS III:

HEALTH HAZARD	3
FIRE HAZARD	0
REACTIVITY	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High,
4 = Extreme, * = Chronic

OSHA GHS Label Information

Hazard Pictogram



Signal Word

DANGER

Hazard Statements

May be corrosive to metals. Causes skin burns and eye damage. Harmful if swallowed.

Precautionary Statements

Prevention: Keep only in original container. Do not breathe mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using product. Wear protective gloves, clothing and eye protection.
Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/take off immediately all clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.
Storage: Store locked up.
Disposal: Dispose in accordance with all federal, state and local regulations.

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