

# Safety Data Sheet

Issue Date 18-Sep-2014

Revision Date: 18-Sep-2014

Version 1.0

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Expedite

### Other Means of Identification

**Product Code** CW1196

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Pressure washer cleaner. For industrial use.

### Details of the Supplier of the Safety Data Sheet

Taylor Labs  
140 Private Brand Way  
Athens, TN 37303

### Emergency Telephone Number

**Company Phone Number** Phone: 1-800-467-6294  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Dark brown

**Physical State** Liquid

**Odor** None

### Classification

Corrosive to metals	Category 1
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Carcinogenicity	Category 2

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed.

### Signal Word

**Danger**



### Hazard Statements

May be corrosive to metals.  
Causes severe skin burns and eye damage.  
Suspected of causing cancer.

### Precautionary Statements - Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read & understood.  
Keep only in original container.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash face, hands and any exposed skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Use personal protective equipment as required.

### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.  
Absorb spillage to prevent material damage.  
IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.  
Wash contaminated clothing before reuse.  
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 SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.  
Specific treatment: Remove from exposure and treat symptoms.

**Precautionary Statements – Storage**

Store locked up.  
Store in corrosive resistant container with a resistant inner liner.

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local, regional and/or national regulation.

**Other Hazards**

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	40-70
Trisodium Nitrotriacetate Monohydrate	18662-53-8	1-5
Sodium Hydroxide	1310-73-2	1-5
Potassium Hydroxide	1310-58-3	1-5
Alcohol Alkoxylate	68987-81-5	1-5
Phosphated Surfactant	Proprietary	1-5

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
<b>Skin Contact</b>	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if necessary.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Get medical advice/attention.

**Most Important Symptoms and Effects**

<b>Symptoms</b>	Causes serious eye damage. Causes skin burns. Prolonged or repeated exposure can remove natural skin oils and may produce irritation.
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**Indication of Any Immediate Medical Attention and Special Treatment Needed**

<b>Notes to Physician</b>	Treat symptomatically. May aggravate pre-existing skin disorders and pulmonary diseases.
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### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Water. Foam.

**Unsuitable Extinguishing Media**

Not determined.

**Specific Hazards Arising from the Chemical**

None known.

**Hazardous Combustion Products**

Normal products of combustion.

**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

- Personal Precautions**           Wear protective clothing as described in Section 8 of this safety data sheet.
- Environmental Precautions**   Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information. See Section 12 for additional Ecological Information.

### Methods and Material for Containment and Cleaning Up

- Methods for Containment**       Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.
- Methods for Clean-Up**           Contain and collect with an inert absorbent and place into an appropriate container for disposal. Rinse area with clean water and dry before permitting traffic.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

- Advice on Safe Handling**       Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. For industrial and commercial use only. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Take off all contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray.

### Conditions for Safe Storage, Including Any Incompatibilities

- Storage Conditions**           Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children. Store locked up away from strong oxidants, acids, metals and food.
- Incompatible Materials**       Strong oxidants, acids and metals.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Hydroxide 1310-73-2	-	TWA: 2 mg/m <sup>3</sup>	-
Potassium Hydroxide 1310-58-3	Ceiling: 2 mg/m <sup>3</sup>	(vacated) Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>

### Appropriate Engineering Controls

- Engineering Controls**       Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. Eyewash stations. Showers.

### Individual Protection Measures, such as Personal Protective Equipment

- Eye/Face Protection**       Use chemical splash goggles or glasses as necessary to prevent contact.
- Skin and Body Protection**   Chemical resistant, impermeable gloves. Wear suitable protective clothing.
- Respiratory Protection**       Ensure adequate ventilation, especially in confined areas. In case of inadequate

ventilation wear respiratory protection.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	None
Appearance	Clear	Odor Threshold	Not determined
Color	Dark brown		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
pH	13.0-13.5		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	Not applicable		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Liquid-not applicable		
Upper Flammability Limits	Not applicable		
Lower Flammability Limit	Not applicable		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	1.08		
Water Solubility	Completely soluble	@ 25 °C (77 °F)	
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children. Keep from freezing.

### Incompatible Materials

Acids. Oxidizers.

### Hazardous Decomposition Products

Thermal decomposition can produce oxides of carbon and nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

<b>Eye Contact</b>	Causes serious eye damage.
<b>Skin Contact</b>	Causes skin burns.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	May be harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trisodium Nitrilotriacetate Monohydrate 18662-53-8	= 1450 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	-
Sodium Hydroxide 1310-73-2	= 500 mg/kg (Rabbit)	-	-
Potassium Hydroxide 1310-58-3	= 600 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-
Alcohol Alkoxylate 68987-81-5	= 2380-2745 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 50 mg/L (4h) (Rat)

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure**

**Sensitization** None known.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Trisodium Nitrilotriacetate Monohydrate 18662-53-8		X	X	

**IARC (International Agency for Research on Cancer)**

"Possibly carcinogenic to humans"

**NTP (National Toxicological Program)**

"May reasonably be anticipated to be" carcinogenic

**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

None known.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trisodium Nitrilotriacetate Monohydrate 18662-53-8	= 780 mg/L (96hr) Chlorella vulgaris	= 98 mg/L (96hr) Oncorhynchus mykiss	-	= 780 mg/L (48hr) Daphnia mahna
Sodium Hydroxide 1310-73-2	-	125 mg/L 96hr (fresh water): mosquito fish	-	-
Potassium Hydroxide 1310-28-3	-	80 mg/L 96hr: mosquito fish	-	-
Alcohol Alkoxylate 68987-81-5	1-10 mg/L (120hr)	1-10 mg/L (96hr) Pimephales promelas	-	1-10mg/L (48hr)

**Persistence/Degradability**

Not determined

**Bioaccumulation**

Expedite  
Not determined

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**Mobility**  
Not determined

**Other Adverse Effects**  
Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Potassium Hydroxide 1310-58-3	Toxic Corrosive

### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** UN3266, Corrosive Liquid, Basic, Inorganic, NOS (Containing Potassium Hydroxide and Sodium Hydroxide), 8, PGII

**IATA**

**IMDG**

### 15. REGULATORY INFORMATION

#### International Inventories

**TSCA** Listed

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

#### US Federal Regulations

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium Hydroxide 1310-73-2	1000 lb		RQ 1000 lb
Potassium Hydroxide 1310-58-3	1000 lb		RQ 1000 lb

#### SARA 311/312 Hazard Categories

**Acute Health Hazard** Yes  
**Chronic Health Hazard** Yes

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Sodium Hydroxide	1310-73-2	1-5	

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Potassium Hydroxide 1310-58-3	1000 lb			X

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	State List
Trisodium Nitrilotriacetate Monohydrate 18662-53-8	CAP65
Potassium Hydroxide 1310-58-3	MA, NJ, PA

AZ- Arizona Ambient Air Quality Guidelines

CT- Connecticut Hazardous Air Pollutants

CA- California Director's List of Hazardous Substances

CAP65- California Prop65

FL- Florida Substances List

ID- Idaho Non-Carcinogen Toxic Air Pollutants

IL- Illinois Toxic Air Contaminant- Carcinogenic

MA- Massachusetts Right to Know List

MN- Minnesota Hazardous Substances List

NJ- New Jersey Right to Know List

PA- Pennsylvania Right to Know List

RI- Rhode Island Hazardous Substances List

**16. OTHER INFORMATION**

<b>NEPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	3	0	0	Not determined

Issue Date: 18-Sep-2014  
 Revision Date: 18-Sep-2014  
 Revision Note: New format Version 1.0

**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.

**Keep Out of Reach of Children. For Industrial and Institutional Use Only.**

\*Denotes changes from last version.

**End of Safety Data Sheet**