

# Colorshine Ultra

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Colorshine Ultra
<b>Other Means of Identification</b>	High pH Concentrated Presoak
<b>Recommended Use</b>	Used as presoak in touchless carwash applications.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer / Supplier</b>	Transchem Inc., 1225 Franklin Blvd, Cambridge, ON, N1R 7E5, 1-800-265-9100, www.transchem.com
<b>Emergency Phone No.</b>	INFOTRAC (U.S.), 1-800-535-5053, 24 Hours CANUTEC (Canada), 613-996-6666, 24 Hours
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## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 2A

### GHS Label Elements



Signal Word:

Warning

Hazard Statement(s):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statement(s):

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves.

P280 Wear eye protection/face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

### Other Hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Tetrasodium EDTA	64-02-8	5-8	Ethylenediaminetetraacetic acid
Surfactant Blend	Proprietary	5-8	N/A

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Trisodium NTA	5064-31-3	1-3	Trisodium Nitritotriacetate
Sodium Metasilicate	6834-92-0	1-3	N/A
Potassium Hydroxide	1310-58-3	1-3	Caustic potash

#### Notes

The specific chemical identity and/or exact percentage of composition (concentration) has been withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Get medical advice/attention if you feel unwell or are concerned.

#### Skin Contact

Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If skin irritation occurs get medical advice/attention.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.

#### Ingestion

Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Rinse mouth with water. Drink one glass of water. Immediately call a Poison Centre or doctor.

### Most Important Symptoms and Effects, Acute and Delayed

If on skin: may cause moderate to severe irritation. Repeated or prolonged exposure can irritate the skin. Symptoms include pain, redness, and swelling. If in eyes: may cause moderate to severe irritation. Symptoms include sore, red eyes, and tearing.

### Immediate Medical Attention and Special Treatment

#### Target Organs

Eyes, skin.

#### Special Instructions

Rinse affected area (skin, eyes) thoroughly with water.

#### Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Chemical

Do not direct solid stream of water into burning liquid. Contact with water causes violent frothing and spattering.

### Special Protective Equipment and Precautions for Fire-fighters

Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills. See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials. Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

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Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up.

Small spills or leaks: contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

Large spills or leaks: dike spilled product to prevent runoff.

Review Section 13 (Disposal Considerations) of this safety data sheet. Contact emergency services and manufacturer/supplier for advice.

### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Wear personal protective equipment to avoid direct contact with this chemical. See Section 13 (Disposal Considerations) of this safety data sheet.

### Conditions for Safe Storage

Separate from incompatible materials (see Section 10: Stability and Reactivity). Keep out of reach of children. Store in a closed container. Comply with all applicable health and safety regulations, fire and building codes.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

### Appropriate Engineering Controls

General ventilation is usually adequate. Provide eyewash and safety shower if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Suitable materials are: polyvinyl chloride, latex rubber, neoprene rubber.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Yellow liquid.
Odour	Mild
Odour Threshold	Not available
pH	12.5 - 13.5
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	~ 1
Relative Density (water = 1)	1.08
Solubility	Soluble in water

<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic)

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

None known.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Tetrasodium EDTA	> 1-5 mg/L (rat) (4-hour exposure)	1780 mg/kg (rat)	
Trisodium NTA	> 5 mg/L (rat) (4-hour exposure)	920 mg/kg (rat)	> 5000 mg/kg (rabbit)
Sodium Metasilicate		1153 mg/kg (rat)	
Potassium Hydroxide		365 mg/kg (rat)	> 1260 mg/kg (rabbit)

### Skin Corrosion/Irritation

Human experience shows moderate or severe irritation.

### Serious Eye Damage/Irritation

Human experience shows serious eye irritation. Symptoms include sore, red eyes, and tearing. May cause reddening and swelling of tissues around the eyes.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May cause coughing, headaches.

#### Ingestion

May cause irritation of the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

### Aspiration Hazard

No information was located.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Symptoms may include dry, red, cracked skin (dermatitis).

### Respiratory and/or Skin Sensitization

No information was located.

### Carcinogenicity

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Chemical Name	IARC	ACGIH®	NTP	OSHA
Trisodium NTA	Group 2B	Not Listed	Reasonably anticipated	

In laboratory tests, rats and mice continuously fed massive doses of NTA showed evidence of urinary tract (bladder and kidney) toxicity, including cancer; lower doses showed none of these toxic effects. By ACGIH guidelines NTA would not be considered an occupational (human) carcinogen of any practical significance.

#### Reproductive Toxicity

##### Development of Offspring

No indication from ingredients.

##### Sexual Function and Fertility

No indication from ingredients.

##### Effects on or via Lactation

No indication from ingredients.

#### Germ Cell Mutagenicity

No information was located.

#### Interactive Effects

No information was located.

## SECTION 12. ECOLOGICAL INFORMATION

All components of this product are biodegradable by Regulation (EC) No 648/2004.

#### Toxicity

##### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Tetrasodium EDTA	34-62 mg/L (Lepomis macrochirus (bluegill); 96-hour; static)	113 mg/L (Daphnia magna (water flea); 48-hour; static)		
Trisodium NTA	175-225 mg/L (Lepomis macrochirus (bluegill); 96-hour; static)	> 100 mg/L (Daphnia magna (water flea); 48-hour)		
Sodium Metasilicate	210 mg/L (96-hour)	216 mg/L (96-hour)		
Potassium Hydroxide	80 mg/L (96-hour)	56 mg/L (48-hour)		

#### Persistence and Degradability

(Tetrasodium EDTA) By using samples from a river, a ditch and a lake as inocula in the closed bottle test, a biodegradation between 60 and 83% was obtained after 49 days at pH 6.5, whereas between 53 and 72% were obtained after 28 days at pH 8.0.

## SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

Review federal, state/provincial, and local government requirements prior to disposal.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Special Precautions for User** Not applicable

#### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are commercially available and presumed to be listed by manufacturer.

##### Additional USA Regulatory Lists

California Proposition 65: Nitritotriacetic acid (CAS: 139-13-9).

New Jersey Right To Know: Potassium hydroxide (CAS: 1310-58-3); Nitritotriacetic acid (CAS: 139-13-9).

SARA Title III - Section 313: Nitritotriacetic acid (CAS: 139-13-9).

## SECTION 16. OTHER INFORMATION

**NFPA Rating**                      **Health - 1**      **Flammability - 0**      **Instability - 0**

**SDS Prepared By**              Technical Group

**Date of Preparation**          July 22, 2016

**Revision Indicators**          The following SDS content was changed on October 16, 2017:  
SECTION 1. IDENTIFICATION; Other Means of Identification.  
SECTION 2. HAZARDS IDENTIFICATION; GHS Label Elements.  
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS; Ingredient Information.  
SECTION 4. FIRST-AID MEASURES; Eye Contact; Ingestion.  
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES; pH.  
SECTION 11. TOXICOLOGICAL INFORMATION; LC50/LD50 values; Carcinogenicity.  
SECTION 12. ECOLOGICAL INFORMATION; Acute Aquatic Toxicity.  
SECTION 15. REGULATORY INFORMATION; Toxic Substances Control Act (TSCA) Section 8(b).

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