

Citra Solv, LLC.
188 Shadow Lake Road
Ridgefield, CT 06877

Prepared: 6/29/2018
Supersedes :3/24/2017

PRODUCT: Homesolv Automatic Dishwashing Powder

CODE: CITRASOLV

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier Identifier..... Citra Solv, LLC
188 Shadow Lake Road
Ridgefield, CT 06877 203.778.0881

Product Identifier..... Homesolv Automatic Dishwashing Powder
Other means of Identification..... Citra Dish
Recommended Use..... Laundry - Institutional. For industrial use only, keep out of reach of children. Do not mix with other cleaning products.

NFPA Rating..... Health: 2 Fire: 1 Reactivity: 0.
HMIS..... H: 2 F: 1 R: 0.
Emergency telephone number..... IN CASE OF EMERGENCY DURING TRANSPORT CALL 800-255-3924 CHEMTEL

SECTION 02: HAZARDS IDENTIFICATION



Signal Word..... WARNING.
Hazard Classification..... ACUTE TOX 4. SKIN IRRIT 2. EYE DAM 1.
Hazard Statements..... H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage.

Prevention..... P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves and eye protection.

Response..... P301 + P312 IF SWALLOWED: Call a POISON CONTROL CENTER if you feel unwell. . P330 Rinse mouth. P302+P352 IF ON SKIN: Wash with plenty of water. P321 Specific treatment see section 4 on this SDS. P332+P313 If skin irritation occurs: Get medical attention. P362+P364 Take off contaminated clothing and wash before reuse. 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 Control Centre.

Storage..... Refer to section 7.
Disposal..... P501 Dispose of contents and empty containers in accordance with local regulations.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	WT %
Sodium Carbonate	497-19-8	30-50
Trisodium Nitrotriacetate	5064-31-3	10-15
Sodium Dodecyl-Benzene Sulfonate	25155-30-0	5-10
Disodium Carbonate (compound with hydrogen peroxide 2:3)	15630-89-4	2-10

SECTION 04: FIRST AID MEASURES

Eye Contact..... Immediately flush eyes with water for 15 minutes, keeping eyelids open during flushing. . If irritation persists, repeat flushing and obtain medical attention immediately.

Ingestion..... Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of milk or water. Seek medical attention. Never give anything by mouth to an unconscious person. .

Inhalation..... If inhaled remove to fresh air. If not breathing give artificial respiration and obtain immediate medical assistance.

Skin Contact..... Wash thoroughly with soap and water. Remove contaminated clothing. Launder clothing before reuse. If irritation occurs consult with your doctor.

Medical attention and special treatment..... In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

PRODUCT: Homesolv Automatic Dishwashing Powder**CODE: CITRASOLV****SECTION 05: FIRE FIGHTING MEASURES**

Extinguishing Media..... Water spray, Carbon dioxide (CO₂), Foam, Dry chemical.
 Hazardous Combustion Products..... Oxides of carbon.
 Special Fire Fighting Procedures..... Self-contained breathing apparatus recommended.
 Unusual Fire/Explosion Hazards..... None expected.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions..... For small quantities wear gloves, wipe up with damp cloth, rinse cloth thoroughly and allow cloth to dry before laundering.
 Emergency Procedures..... Avoid skin and eye contact. Contain the spill. Absorb spilled material. Shovel or pump to properly identified waste containers. Dispose of spilled material in accordance with local regulations.
 Methods and Materials used for Containment Use an inert substance to contain and absorb spilled material. Shovel to properly identified salvage drum. Seal salvage drum for disposal.
 Clean Up..... Flush area with water and dry to avoid slippery conditions. Dike spills to prevent spreading.

SECTION 07: HANDLING AND STORAGE

Handling Precautions..... Keep away from food. Employees should wash their hands and face before eating or drinking.
 Storage Requirements..... Keep containers tightly closed.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Sodium Carbonate	10 mg/m ³	Not established	10 mg/m ³ TWA	Not established		Not established
Trisodium Nitrilotriacetate	Not Established	Not Established	Not Established	Not Established		Not Established
Sodium Dodecyl-Benzene Sulfonate	10 mg/m ³	Not Established	Not Established	Not Established		Not Established
Disodium Carbonate (compound with hydrogen peroxide 2:3)	Not established	Not established	Not established	Not established		Not established
Clothing/Type	Wear adequate protective clothing to prevent skin contact.					
Eye/Type.....	Safety goggles.					
Footwear/Type.....	Wear safety boots per local regulations.					
Gloves/Type.....	Wear impervious gloves.					
Other/Type.....	Anyone handling this product should wash their hands and face before eating, drinking or using tobacco products. Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace. Emergency eye wash station and shower should be available.					
Respiratory/Type.....	Not required for intended use.					
Engineering Controls.....	Normal ventilation is adequate					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance..... Powder.
 Colour..... Not available.
 Odour..... Not available.
 Odour Threshold (ppm)..... Not available.
 Vapour Density (Air=1)..... Not available.
 Vapour Pressure (mm Hg)..... Not available.
 pH..... 10-11.
 Relative Density/Specific Gravity..... 0.9 - 1.0.
 Melting/Freezing Point..... Not available.
 Solubility..... Complete in water.
 Initial Boiling Point/Boiling Range..... Not available.
 Evaporation Rate..... Not available.
 Flash Point (deg C), Method..... Not Available.
 Auto Ignition Temperature (deg C)..... Not available.
 Upper Flammable Limit (% Vol)..... None.
 Lower Flammable Limit (% Vol)..... None.
 Decomposition temperature..... Not available.
 Coefficient of Water/Oil Distribution..... Not available.
 Viscosity..... Not available.

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SECTION 10: STABILITY AND REACTIVITY

Reactivity..... None known.
 Chemical stability..... Stable at normal temperatures and pressures.
 Hazardous Polymerization..... Will not occur.
 Hazardous Products of Decomposition..... None expected.
 Incompatible materials..... Acids.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Sodium Carbonate	Not Available	2,800 mg/kg rat oral
Trisodium Nitrotriacetate	Not data available	1,500 mg/kg Oral Rat
Sodium Dodecyl-Benzene Sulfonate	Not Available	1,300-2,100 mg/kg Oral, Rat
Disodium Carbonate (compound with hydrogen peroxide 2:3)	>4.58 mg/L/hr rat inhalation	1000 mg/kg oral rat.
Route of Exposure.....	Skin contact, eye contact, inhalation.	
Effects of Acute Exposure.....	Causes serious eye irritation. Prolonged or repeated contact skin contact may cause slight irritation . Contact may cause nose, throat and respiratory tract irritation. Contact may cause irritation to the mouth, esophagus and stomach. My cause gastric tract upset.	
Effects of Chronic Exposure.....	Prolonged or repeated contact may cause skin irritation.	
Carcinogenicity of Material.....	Nitrotriacetate, Trisodium Salt is considered a Class 2B Carcinogen.	
Reproductive Effects.....	No known reproductive effects. .	

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... No data available.
 Bioaccumulation Potential..... No data available.
 Other Adverse Effects..... No data available.
 Absorption Potential..... No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate Disposal Methods..... Dispose of empty containers in accordance with local regulations or current recycling programs.
 Physical and Chemical Properties that may affect Disposal . None anticipated.
 Sewage Disposal Comments..... None.
 Other Special Cautions..... None required .

SECTION 14: TRANSPORT INFORMATION

Transport Hazard Classification..... Not Regulated.
 Guidance on Air shipments..... Not applicable.
 Guidance for marine shipments..... Not Regulated.
 Proof of Classification..... This product has been classified in accordance with DOT and Canada's Part 2 of the Transportation of Dangerous Goods regulations. This product has been classified to the Department of Transportation 49CFR.

SECTION 15: REGULATORY INFORMATION

CEPA Status..... All components of this product are listed on the Domestic Substance List (DSL) .
 TSCA Inventory Status..... All components are listed on TSCA .
 EINECS All ingredients have been registered under REACH.
 OSHA
 SARA Title III
 Section 311/312 - Hazard Categories..... Reactivity Hazard, Acute Health Hazard.
 Section 302 - Extremely Hazardous Substances None .
 SARA Section 313..... None.
 EPA Hazardous Air Pollutants (HAPS) None .
 40CFR63
 California Proposition 65..... This product does not contain any chemical(s) known to the state of California to cause cancer or reproductivity toxicity.

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SECTION 16: OTHER INFORMATION

Prepared by Trivalent Data Systems Ltd. <http://www.trivalent.com> .
Disclaimer..... The information contained herein is based on information believed to be reliable. The Citra Solv LLC makes no warranties, express or implied, and assumes no liability with any use of this information.
Note..... Various sources were reviewed to determine the classification of this product. These sources include the National Library of Medicine - Hazardous Substances Data Bank; the European Chemical Agency Classification & Labelling Database; supplier safety data sheets; and REPTOX (Gouvernement du Québec) .
Preparation Date..... 6/29/2018