



ZT-RINSE ACTIVATOR

HMIS		NFPA	Personal protective equipment		
Health	2	2			
Fire Hazard	0	0			
Reactivity	0	0			

Version Number: 1

Preparation date: 2005-01-05

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ZT-RINSE ACTIVATOR

MSDS #: 11554200

Product code: 11554200

Recommended use: Additive for phosphatizing solutions.

Manufacturer, importer, supplier:

JohnsonDiversey, Inc.
3630 E. Kemper Rd.
Cincinnati, OH 45241
Phone: 1-800-438-2647

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. MAY CAUSE EYE AND SKIN IRRITATION. May cause respiratory tract irritation .

Principle routes of exposure:

Eyes. Skin. Inhalation.

Skin contact:

Moderately irritating to the skin.

Eye contact:

Moderately irritating to the eyes.

Inhalation:

May be irritating to nose, throat, and respiratory tract.

Ingestion:

May be irritating to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium carbonate	497-19-8	1 - 5%	4090 mg/kg (rat)	Not available	Not available
Tetrasodium pyrophosphate	7722-88-5	90 - 100%	4 g/kg (rat)	Not available	Not available

4. FIRST AID MEASURES

Eye contact:

Flush immediately with plenty of water. If irritation develops get medical attention.

Skin contact:

Flush immediately with plenty of water. If irritation develops get medical attention.

Inhalation:

If breathing is affected, remove to fresh air. Get medical attention.

Ingestion:

Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person.
Get medical attention.

Aggravated Medical Conditions:

Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects . Persons with pre-existing respiratory conditions should be particularly careful about possible respiratory effects .

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

The product is not flammable. Use dry chemical, CO₂, water spray or "alcohol" foam.

Specific hazards:

Not applicable

Unusual hazards:

None known

Specific methods:

No special methods required

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

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment
Environmental precautions and clean-up methods: Use a water rinse for final clean-up . Using clean equipment, sweep and scoop all spilled material, contaminated soil, and other spilled material and place into clean, dry, plastic containers for disposal .

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not breathe dust. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage:
Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
Good general ventilation should be sufficient to control airborne levels . In processes where dusts or airborne particulates may be generated, proper ventilation must be provided in accordance with good ventilation practices .

Personal Protective Equipment

Eye protection: Safety glasses with side-shields.
Hand protection: Chemical resistant gloves.
Skin and body protection: Chemical resistant apron.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient	CAS #	ACGIH	OSHA	Mexico
Tetrasodium pyrophosphate	7722-88-5	5 mg/m ³ (TWA)	5 mg/m ³ (TWA)	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder	Appearance:	Powder
Color:	White	Boiling point/range:	Not determined
Odor:	Odorless	Melting point/range:	Not determined
Specific gravity:	No information available	pH:	No information available
Dilution pH:	10.2 (1%)	Density:	No information available
Bulk density:	1.15	Decomposition temperature:	Not determined
Vapor density:	No information available	Autoignition temperature:	No information available
Evaporation rate:	No information available	Solubility:	Soluble
Solubility in other solvents:	No information available	VOC:	0%
Viscosity:	No information available	Flash point:	Not applicable
Partition coefficient (n-octanol/water):	No information available		

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerisation does not occur
Hazardous decomposition products: None reasonably foreseeable
Materials to avoid: Acids.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Component Information: Oral, LD50 estimated to be > 2000 mg/kg.
See Section 3
Chronic toxicity: None known
Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Japan (ENCS), Philippines (PICCS), China (IECSC).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTR TK:
Sodium carbonate	497-19-8	-	-	-	-	-	-
Tetrasodium pyrophosphate	7722-88-5	Listed	Listed	Listed	Listed	-	-

CERCLA / SARA

CAA HAP/CAA ODS/CWA Priority Pollutants: None

SARA 311/312 Hazard Categories

Immediate: Y
Delayed: N
Fire: N
Reactivity: N
Sudden Release of Pressure: N

Canada

WHMIS hazard class: D2B Toxic materials .



16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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