

PRODUCT: ADVANTAGE
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1.0 IDENTIFICATION

- 1.1 Product Name: ADVANTAGE
1.2 Product Type: High alkaline liquid automatic dishmachine detergent

2.0 HAZARDOUS INGREDIENTS

	TLV		(MG/M3)
	%	TWA	STEL
2.1 Potassium Hydroxide (Caustic Potash) 1310-58-3	38	2 c	
2.2 Sodium Metasilicate Pentahydrate	8		

This product contains no other ingredient considered hazardous according to the criteria of 29 CFR 1910.1220.

3.0 PHYSICAL DATA

- 3.1 Appearance and Odor: Straw yellow clear liquid
3.2 Solubility in Water: Complete
3.3 pH: 100% = 13.0-13.5; 0.2% = 11.5 - 12.5
3.4 Boiling Point: >212°F
3.5 Specific Gravity: 1.25-1.30

4.0 FIRE AND EXPLOSION DATA

- 4.1 Specific Fire Hazards: None
4.2 Fire Fighting Methods: Product does not support combustion.

5.0 REACTIVITY DATA

- 5.1 Stability: Stable under normal conditions of handling.
5.2 Conditions to avoid: Do not mix with anything but water. Reacts violently with acids. Reacts with soft metals such as aluminum and zinc.

6.0 SPILL OR LEAK PROCEDURES

- 6.1 Cleanup: Rinse small amounts to drain where possible. Dike or dam large spills: pump to containers or soak up on inert absorbent. Flush residue to sewer with plenty of water; rinse area thoroughly
6.2 Waste Disposal: Unused product as a waste is corrosive (D002) according to RCRA criteria. Consult state and local authorities for restrictions on disposal of chemical waste.

7.0 HEALTH HAZARD DATA

- 7.1 Effects of overexposure:
Skin and eyes: Causes severe chemical burns. Eye contact may cause blindness
Harmful skin contact may not cause immediate pain.
IMMEDIATE WATER FLUSHING IS VITAL IN CASE OF EYE CONTACT
If swallowed: Harmful or fatal. Causes chemical burns of mouth, throat and stomach

8.0 FIRST AID

GET MEDICAL ATTENTION IMMEDIATELY

- 8.1 Eyes: Immediately flush with plenty of cool running water. Remove contact lenses, continue flushing for at least 15 minutes holding eyelids apart to insure rinsing of entire eye. Call a physician immediately.
8.2 Skin: Immediately flush with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
8.3 If Swallowed: Rinse mouth at once; then drink 1 to 2 glasses of water or milk. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.

9.0 SPECIAL PROTECTION INFORMATION

- 9.1 Eyes: Splashproof glasses, goggles or face shield
9.2 Skin: Rubber gloves-protective cuff or gauntlet type recommended
9.3 Other: Avoid contact with use solutions of this product, as these may also be hazardous.

10.0 ADDITIONAL INFORMATION PRECAUTIONS

- 10.1 DOT Class: Corrosive Material NA 1760
10.2 Keep from freezing

KEEP OUT OF REACH OF CHILDREN

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT WITH RESPECT TO THE FORMULA USED TO MANUFACTURE THE PRODUCT. AS DATA, STANDARDS AND REGULATIONS CHANGE, AND CONDITIONS OF USE AND HANDLING ARE BEYOND OUR CONTROL, NO WARRANTY, EXPRESS OR IMPLIED IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.