



The Clorox Company
1221 Broadway
Oakland, California 94621
Tel. (510) 271-7000

Material Safety Data Sheet

I Product: ARMOR ALL PROTECTANT								
Description: MILKY WHITE LIQUID WITH SLIGHT ODOR								
Other Designations	Distributor	Emergency Telephone No.						
Armor All Protectant Original Shine Finish Surface Cleaner and Protectant	Armor All Products Corporation 1221 Broadway Oakland, CA 94612	For Medical Emergencies call Rocky Mountain Poison Center: (800) 446-1014 For Transportation Emergencies call Chemtrec: (800) 424-9300						
II Health Hazard Data		III Hazardous Ingredients						
Non-irritating to skin and eyes. Under normal consumer use and conditions, the likelihood of adverse health effects is low. No medical conditions are known to be aggravated by exposure to this product. FIRST AID: EYE CONTACT: Remove contact lenses. Flush eyes thoroughly with plenty of water for 15 minutes. If irritation occurs, get medical attention. SKIN CONTACT: Wash area with soap and water. If irritation occurs, get medical attention. INGESTION: Drink a glassful of water. Get medical attention if effects occur. INHALATION: If breathing problems occur, remove to fresh air.		<table border="1"><thead><tr><th>Ingredients</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>Silicone Emulsion CAS # N/A</td><td>30 - 40%</td><td>Not established</td></tr></tbody></table> None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen list.	Ingredients	Concentration	Worker Exposure Limit	Silicone Emulsion CAS # N/A	30 - 40%	Not established
Ingredients	Concentration	Worker Exposure Limit						
Silicone Emulsion CAS # N/A	30 - 40%	Not established						
IV Special Protection and Precautions		V Transportation and Regulatory Data						
Hygienic Practices: Wash hands with soap and water after use. Engineering Controls: Use general ventilation to minimize exposure to vapor or mists. Work Practices: Avoid eye and skin contact and inhalation of vapor or mist. KEEP OUT OF REACH OF CHILDREN		DOT/IATA/IMO: Not restricted TSCA Status: All ingredients in this product are listed on the TSCA inventory. EPA - SARA Title III/CERCLA: Packaged product is not reportable under Sections 311/312. Contains no chemicals regulated under: CERLA Sections 311, 312, 313, or 304.						
VI Spill or Leak Procedures		VII Reactivity Data						
Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed down material. For spills of multiple products, responders should evaluate the MSDS's of the products for incompatibility with this product. Waste Disposal: Dispose of in accordance with all applicable federal, state and local regulations.		Stable under normal use and conditions.						
VIII Fire and Explosion Data		IX Physical Data						
Combustion: Non flammable or explosive. Fire Extinguishing Agents: Water, water fog, dry chemical, foam or carbon dioxide (CO₂) fire extinguishers. If product has undergone partial or complete evaporation, may be combustible.		Boiling Point.....212°F/100°C Specific Gravity(H₂O=1).....1.00 @ 25° C Solubility in Water.....Easily soluble pH.....7 Evaporation rate (Butyl acetate =1).....0.4						

ARMOR ALL -- ARMOR ALL PROTECTANT - PRESERVATIVE, COMPOUND
MATERIAL SAFETY DATA SHEET
NSN: 8030010873589
Manufacturer's CAGE: 6J703
Part No. Indicator: A
Part Number/Trade Name: ARMOR ALL PROTECTANT

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General Information

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Item Name: PRESERVATIVE, COMPOUND
Company's Name: ARMOR ALL CORP
Company's Street: 6 LIBERTY
Company's City: ALISO VIEJO
Company's State: CA
Company's Country: US
Company's Zip Code: 92656
Company's Emerg Ph #: 714-362-0600
Company's Info Ph #: 714-362-0600
Record No. For Safety Entry: 005
Tot Safety Entries This Stk#: 006
Status: SE
Date MSDS Prepared: 11MAR92
Safety Data Review Date: 08NOV94
Supply Item Manager: GSA
MSDS Serial Number: BVQBW
Specification Number: A-A-2702
Hazard Characteristic Code: N1
Unit Of Issue: GL
Unit Of Issue Container Qty: 1 GALLON
Type Of Container: PLASTIC BTL
Net Unit Weight: 36 LBS

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: SILICONE EMULSION
Ingredient Sequence Number: 01
Percent: <50.00
NIOSH (RTECS) Number: 1009470SE
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: SORBITOL
Ingredient Sequence Number: 02
Percent: <10.00
NIOSH (RTECS) Number: LZ4290000
CAS Number: 50-70-4
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 03
Percent: >50.00
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

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The Clorox Company
77200 Johnson Drive
Menlo Park, California 94025
Tel. (415) 347-4300

Material Safety Data Sheet

CLOROX-IMIS	
WEIGHT	2
FLAMMABILITY	0
REACTIVITY	1
Personal Protection	0

I Chemical Identification NAME: YELLOW LIQUID BLEACH DESCRIPTION: CLEAR, LIGHT YELLOW LIQUID WITH ODORLESS ODOR		CAS no. 7513-02-7 HTCS no. 7513						
Other Designations EPA Reg. No. 3403-1 Sodium hypochlorite solution Sodium bleach Chlorine Liquid Bleach		Emergency Procedure Notify your Supervisor Call your local poison control center or (800) 762-4662 (North Carolina Poison Center)						
III Hazardous Ingredients <table border="1"> <thead> <tr> <th>Ingredients</th> <th>Concentration</th> <th>Worker Exposure Limit</th> </tr> </thead> <tbody> <tr> <td>Sodium hypochlorite CAS# 7661-90-9</td> <td>5.25%</td> <td>not established</td> </tr> </tbody> </table> None of the ingredients in this product are on the OSHA, HCP or OSHA carcinogen lists. No significant clinical reports or adverse health effects have been reported. Irritation to the eyes and skin may occur with prolonged contact. Irritation to the eyes and skin may occur with prolonged contact. Irritation to the eyes and skin may occur with prolonged contact.			Ingredients	Concentration	Worker Exposure Limit	Sodium hypochlorite CAS# 7661-90-9	5.25%	not established
Ingredients	Concentration	Worker Exposure Limit						
Sodium hypochlorite CAS# 7661-90-9	5.25%	not established						
IV Special Protection Information Hygienic Practices: Wear safety glasses. With repeated or prolonged use, wear gloves. Engineering Controls: Use general ventilation to minimize exposure to mist. Work Practices: Avoid eye and skin contact and inhalation of mist or vapor.								
V Special Precautions Keep out of reach of children. Do not get in eyes or on skin. Wash thoroughly with soap and water after handling. Do not mix with other household chemicals such as toilet bowl cleaners, paint removers, degreasers, acids or caustics. Mixing may produce toxic gases. Do not use in poorly ventilated areas. Do not use in food preparation areas. Do not use in food storage areas. Do not use in food processing areas. Do not use in food packaging areas. Do not use in food distribution areas. Do not use in food service areas. Do not use in food processing areas. Do not use in food packaging areas. Do not use in food distribution areas. Do not use in food service areas.								
VII Reactivity Data Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, paint removers, degreasers, acids or caustics. Mixing may produce toxic gases. Do not use in poorly ventilated areas. Do not use in food preparation areas. Do not use in food storage areas. Do not use in food processing areas. Do not use in food packaging areas. Do not use in food distribution areas. Do not use in food service areas.								
IX Physical Data Boiling point: 212°F/100°C (decomposes) Specific Gravity (H₂O): 1.07 Solubility in water: Soluble								
VI Spill or Leak Procedures Small quantities of less than 5 gallons may be absorbed with absorbent material. For larger quantities, absorbent material should be used in accordance with local, state and federal regulations. Other with water to minimize oxidizing effect on spilled material.								
VIII Fire and Explosion Data Not flammable or explosive. In a fire, cool containers to prevent rupture and release of sodium chloride.								

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RESEARCH AND IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH

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Bleach