



KAPOW PLUS

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard (29CFR 1910.1200)

Made in the USA: RAMCO SPECIALTY PRODUCTS, INC. ◇ 5956 State Road ◇ Bakersfield, CA 93308-3022
Ph: (800) 334-7071 ◇ Fax: (714) 375-1225 ◇ E-Mail: lwcsramco@ramcospec.com ◇ Web: www.ramcospec.com

SECTION I – PRODUCT IDENTIFICATION

| | | | |
|----------------------|-----------------------------|--------------------------|---------------------------|
| Product Name: | KAPOW PLUS (Aerosol) | Proper Shipping Name: | CONSUMER COMMODITY |
| Product Number: | 1159 | Date Prepared: | 03/01/2006 |
| Product Description: | All Purpose Cleaner | Prepared By: | Paul Williams |
| Information Phone: | (800) 334-7071 | 24-Hour Emergency Phone: | (800) 255-3924 |

NFPA – HMIS CODES

| | | | | | | | | | |
|--------|----------|--------------|----------|-----------|----------|------------|----------|---------------------|----------|
| Health | 1 | Flammability | 0 | Corrosive | 0 | Reactivity | 0 | Personal Protection | B |
|--------|----------|--------------|----------|-----------|----------|------------|----------|---------------------|----------|

SECTION II – MATERIAL IDENTIFICATION AND INFORMATION

| Description | CAS # | 313-Chem | Skin | Carcinogen | PEL | TWA/TLV | Wt % |
|-------------------------|-------------|----------|------|------------|----------|----------|-------|
| Sodium Bicarbonate | 144-55-8 | NO | NO | NO | N/E | N/E | 01-05 |
| Nonylphenol Ethoxylate | 127087-87-0 | NO | NO | NO | N/E | N/E | 01-05 |
| Triethanolamine | 102-71-6 | NO | NO | NO | N/E | N/E | 01-05 |
| Isopropyl Alcohol | 67-63-0 | NO | NO | NO | 400 ppm | 400 ppm | 01-05 |
| Citrus Terpene | 5989-27-5 | NO | NO | NO | N/E | N/E | 01-05 |
| Liquified Petroleum Gas | 68476-85-7 | NO | NO | NO | 1000 ppm | 1000 ppm | 05-10 |

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|---|---------|---------------------------------------|------------------|
| *Boiling Point | ~ 212°F | Evaporation Rate (n-Bu-Ac=1.0) | N/A |
| Vapor Pressure of Can (psig @ 70°F) | 55 | *Water Solubility | Complete |
| *Vapor Density (Air=1.0 @ 77°F) | >1 | Molecular Weight, Avg. | N/A |
| *Specific Gravity (H2O=1 @ 75°F) | 1.02 | Viscosity, Typical (cp) | N/A |
| VOC (Grams/Liter @ 25°C – EPA Method 24) | N/A | *Appearance | White Foam |
| % Volatile by Volume | N/A | *Odor | Citrus Fragrance |
| Total VOC % (Volatile Organic Compounds) | ~10 | *pH | 9.5 |

*Data Based on Aerosol Concentrate Only.

SECTION IV – FIRE & EXPLOSION HAZARD DATA

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| Flash Point (Of Concentrate Only) | None to Boiling (212°F) |
| Auto Ignition Temperatures | N/A |
| Flammability Limits in Air | |
| Lower Explosive Limit Estimated | N/A |
| Upper Explosive Limit Estimated | N/A |
| Extinguishing Media | Foam, CO2, Dry Media |
| Unusual Fire Fighting Procedures | Exposure to temperatures above 120°F may cause bursting. |
| Special Fire Fighting Procedures | Wear self-contained breathing apparatus and protective clothing. Cool fire-exposed containers to prevent rupturing. |
| Flammability (as per USA Flame Projection Test) | Non-Flammable Spray |



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SECTION V – HEALTH HAZARD DATA & EMERGENCY FIRST AID PROCEDURES

| ENTRY ROUTES | ADVERSE/CHRONIC EFFECTS | FIRST AID PROCEDURES |
|------------------------------------|---|--|
| EYES | May cause slight irritation but does not injure eye tissue. | Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists, get medical attention immediately. |
| INGESTION | Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal Toxicity. | DO NOT INDUCE VOMITING. Seek medical attention immediately. |
| INHALATION | Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation can cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects. | Remove to fresh air. Seek medical attention immediately. If breathing stops, give artificial respiration. |
| SKIN | Frequent or prolonged contact may cause irritation. | Wash with soap and water. If irritation persists, seek medical attention. |
| MEDICAL CONDITIONS TO AVOID | None Known. | |

SECTION VI – REACTIVITY DATA

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|---------------------------------|---|
| STABILITY | Stable – Avoid open flames and exposure to high temperatures. |
| HAZARDOUS POLYMERIZATION | Will not occur – No conditions known. |
| INCOMPATIBILITY | Strong oxidizing agents. |
| HAZARDOUS DECOMPOSITION | Carbon Dioxide, Carbon Monoxide. |

SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE

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| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED – Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws. | |
| WASTE DISPOSAL | Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures. |
| HANDLING & STORAGE | Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F. |
| NFPA Code 30B Rating | Level 1 Aerosol |
| OTHER PRECAUTIONS | KEEP OUT OF REACH OF CHILDREN – For Industrial/Institutional Use Only. Read and follow label directions. |

SECTION VIII – CONTROL MEASURES

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| RESPIRATORY PROTECTION | None needed for proper use in accordance with label directions. |
| VENTILATION | Provide local exhaust to keep air concentration of ingredients listed in Section II below established exposure limits. |
| PROTECTIVE GLOVES | None needed for proper use in accordance with label directions. Use chemical resistant gloves if skin contact will be made. |
| EYE PROTECTION | None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles. |
| OTHER PROTECTIVE CLOTHING/EQUIPMENT | None needed for proper use in accordance with label directions. |
| WORK HYGIENIC PRACTICES | Employees must practice good personal hygiene; washing exposed areas of skin several times daily and before eating, drinking, smoking, using restroom and at end of work period. Remove contaminated clothing and launder before reuse. |

SECTION IX – TRANSPORTATION DATA

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|-----------------------------|--------------------|
| PROPER SHIPPING NAME | CONSUMER COMMODITY |
| DOT ID NUMBER | N/A |
| DOT HAZARD CLASS | ORM-D |

The information and recommendations set forth herein are presented in good faith and believed to be correct and reliable. RAMCO Specialty Products, Inc. makes no representation as to the completeness or accuracy thereof and supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use.

N/D = Not Determined

N/E = Not Established

N/A = Not Applicable

< = Less Than

> - Greater Than

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