

MATERIAL SAFETY DATA SHEET
SUDDEN IMPACT
Stock Number AA-F (PART # CRSAAFS on label)
6/22/05

SECTION I—MANUFACTURER

Crest Industries, Inc., 1337 King Road, Trenton, MI 48183 **Phone:** (734) 479-4141 **FAX:** (734) 479-4040

24 HOUR EMERGENCY TELEPHONE (CHEMTEL): (800) 255-3924 **INTERNATIONAL CALLS:** (813) 248-0585

SECTION II—PRODUCTS

<u>Stock Number</u>	<u>Product Name on Label</u>	<u>Numbers of Ingredients in Product</u>	<u>HMIS RATING</u>			<u>Appearance and Odor</u>	<u>Solubility % in Water</u>		<u>Volatile Volume%</u>	
			<u>H</u>	<u>F</u>	<u>R</u>					
AA-F	Sudden Impact Enzyme Malodor Counteractant	1,2,3,4	2	3	0	Clear liquid, herbal	40	70	100	

SECTION III—HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>Exposure Limits* in ppm (part per million)</u>	<u>Flash Point</u>		<u>Vapor Pressure (mm Hg at 20 °C)</u>	<u>Evap. Rate (n-Butyl Acetate=1)</u>	<u>Boiling Point</u>		<u>Flammable Limits in %</u>		<u>Autoignition Pt.</u>	
			<u>°F</u>	<u>°C</u>			<u>°F</u>	<u>°C</u>	<u>Lower</u>	<u>Upper</u>	<u>°F</u>	<u>°C</u>
1. Acetone	67-64-1	500 A, 1000 O	-4	-20	185	7.7	132	56	2.6	12.8	869	465
2. Isobutane	75-28-5	1000 A, 800 N	<-40	<-40	>760	Unknown	11	-12	1.8	8.4	860	460
3. Propane	74-98-6	1000 A, O	<-40	<-40	>760	Unknown	-44	-42	2.1	9.5	919	493
4. Perfume (Mixture)	NE	NE	-NA-	-NA-	NA	NA	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-

*A means ACGIH TLV, N means NIOSH, O means OSHA PEL. Other abbreviations: mg/m³ means milligrams per cubic meter, > means greater than, < means less than, NE means Not Established, NA means Not Applicable. **See NOTES in SECTION VI.

SECTION IV—PHYSICAL DATA

Pressure of Can Contents: Maximum pressure less than 140 PSI GAUGE @ 130°F (54°C). **Evaporation Rate:** See SECTIONS II, III. **Vapor Density:** Heavier than air. **Solubility in Water (Wt%):** <1. **Volatile Volume %:** See SECTION II.

Approximate Boiling Point: See SECTIONS II, III.

Product Density (water=1): <1. **Ingredients:** <1.

Appearance and Odor: See SECTION II

SECTION V—FIRE AND EXPLOSION DATA

Flammability Class: Extremely Flammable Aerosol.

Flash Point (Tag Closed Cup Method): See SECTIONS II, III.

Approximate Flammable Limits: See SECTIONS II, III.

Autoignition Temperature: See SECTION III.

Extinguishing Media: Foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Full protective equipment, including self-contained breathing apparatus, is recommended because highly toxic gasses may be generated by combustion or thermal decomposition. Water from fog nozzles may be used to cool closed containers to prevent pressure build up (containers may leak or burst when heated).

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, electric motors, smoking or other ignition sources at locations far from material handling point. At elevated temperatures [130°F (54°C) or over] containers may vent, rupture or burst.

SECTION VI—HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Inhalation, Skin contact, Eye contact.

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION:

Acute Exposure: Solvent vapors at concentrations above the TLV can irritate the respiratory tract (nose, throat, lungs) causing a burning sensation, runny nose, sore throat, coughing, chest discomfort (tightness). May cause central nervous system depression with the following progressive symptoms: headache, dizziness, nausea, staggering gait, confusion, unconsciousness, cessation of breathing and death.

Chronic Exposure: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Symptoms include: loss of memory, loss of intellectual ability and loss of coordination.

NOTE: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING ANY SOLVENT VAPORS MAY BE HARMFUL OR FATAL!

SKIN CONTACT:

Acute Exposure: Repeated or prolonged skin contact with solvents can result in dry, defatted and cracked skin causing increased susceptibility to infection. Skin irritation may develop into contact dermatitis.

Chronic Exposure: Exposure to small amounts of solvent over long periods of time may cause some or all of the symptoms as in acute exposure to solvents.

EYE CONTACT:

Acute Exposure: Irritation of the eyes with itching, burning, redness and even permanent tissue damage if sprayed directly into the eyes and not flushed out immediately.

Chronic Exposure: Irritation of the eyes with itching, burning, redness.

INGESTION:

Acute Exposure: (Not likely unless deliberately sprayed into mouth.) Irritation to the mouth, and if swallowed, to the esophagus, stomach tissue and digestive tract. If swallowed, vomiting may cause breathing of liquid solvent resulting in chemical pneumonia.

Chronic Exposure: Unknown.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None specifically known to Crest Industries, Inc. but it is possible that eye, respiratory tract, skin, liver, kidney, blood cell formation, nervous system and brain diseases may be aggravated by overexposure to the products on this MSDS.

CARCINOGENICITY: Product and ingredients not listed by NTP, IARC or OSHA.

SECTION VII—EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with clean, lukewarm water (low pressure) for at least 15 minutes while lifting eyelids. Refer person to physician for immediate attention.

SKIN CONTACT: Remove contaminated clothing immediately. Clean affected areas thoroughly with waterless hand cleaner or wash with soap and water. Wash contaminated clothing thoroughly before reuse. Seek medical attention if irritation develops or persists.

INHALATION: Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.

INGESTION: DO NOT INDUCE VOMITING! Consult physician, hospital emergency room or poison control center immediately. Have list of ingredients available.

NOTES TO PHYSICIAN:

Eyes: May cause conjunctivitis. Stain for evidence of corneal injury.

Skin: Treat as any contact dermatitis.

Inhalation: Treat as for solvent vapor inhalation. Bronchodilators, expectorants and antitussives may help.

Ingestion: Treat as for solvent ingestion. Inducing vomiting is contraindicated because of the possibility of chemical pneumonia caused by aspiration of solvent liquid.

SECTION VIII-EMPLOYEE PROTECTION RECOMMENDATIONS

EYE PROTECTION: Not normally required when used as directed.

SKIN PROTECTION: Not normally required when used as directed.

VENTILATION AND RESPIRATORY PROTECTION: Not normally required if general exhaust ventilation is sufficient to keep the airborne concentrations of solvents and propellants below their respective TLV's

NOTE: THERE MUST ALWAYS BE ENOUGH VENTILATION TO KEEP VAPOR CONCENTRATION BELOW THE LOWER FLAMMABLE LIMIT!

OTHER PROTECTIVE MEASURES: Eyewash stations should be available. Educate and train employees in safe use of products. Follow all label instructions.

SECTION IX-REACTIVITY DATA

STABILITY: Stable under normal room conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: By high heat and fire: carbon dioxide, carbon monoxide, hydrocarbon vapors, smoke.

SECTION X-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR

SPILLED: Put on protective equipment including respiratory protection. Prevent further spillage. Evacuate nonessential personnel. Remove all sources of ignition and ventilate the area. Keep spill from reaching sewers and waterways. Cover the spill with sawdust, vermiculite, Fuller's Earth or other absorbent material. Collect material with non-sparking tools and put in a tightly sealed container. Remove container to a safe place.

WASTE DISPOSAL METHOD: Follow all federal, state and local environmental control regulations. Incineration is the preferred method. **DO NOT PUT AEROSOL CONTAINERS IN A HOME TRASH COMPACTOR! DO NOT INCINERATE (OR BURN) AEROSOL CONTAINERS EVEN WHEN EMPTY!** Containers may become pressurized and burst even if they will not spray. Containers must be handled with care due to flammable, toxic and pressure producing residue.

RCRA STATUS: Since these products contain ignitable and toxic chemicals, they are hazardous when discarded.

SECTION XI-SPECIAL PRECAUTIONS & STORAGE DATA

STORAGE TEMPERATURE

MINIMUM / MAXIMUM: 50°F (10°C) / 120°F (49°C)

RECOMMENDED SHELF LIFE: One year

PRECAUTIONS TO BE TAKEN IN HANDLING, STORAGE

AND USE: Keep away from heat, sparks and open flame. Do not store in temperatures above 120°F (49°C) or in direct sunlight. Do not inhale vapors or spray mist. Avoid contact with skin and eyes. Wash hands after use and before eating, drinking, smoking or using the toilet. Employee education and training in the safe use and handling of these materials are required under the OSHA Hazard Communication Standard (29CFR 1910.1200).

KEEP OUT OF THE REACH OF CHILDREN

SECTION XII-ENVIRONMENTAL PROTECTION AGENCY (EPA) REGULATORY INFORMATION

The percentage table is to be used to meet Environmental Protection Agency (EPA) Regulations:

1. 40 CFR Part 370 Emergency and Hazardous Chemical Inventory Forms and Community Right-to-Know Reporting Requirements. **2.** Title III Section 313 Toxic Chemical Release Reporting Requirements. **Note:** All the chemicals listed must be considered for **1.** above. Only the ones marked with an asterisk (*) fall under **2.**

HAZARDOUS INGREDIENTS IN PRODUCT-APPROXIMATE PERCENTAGES BY WEIGHT

<u>Ingredients</u>	<u>CAS Number</u>	<u>AA-F</u>
*1. Acetone	67-64-1	65
2. Isobutane	75-28-5	10-15
3. Propane	74-98-6	15-20
4. Perfume	(Mixture)	0-5
Physical Hazard-Fire		55-99
Physical Hazard-Pressure Release		30
Health Hazard-Acute		95-99
Health Hazard-Chronic		-
Physical Hazard-Reactivity		Not A Hazard
Aerosol Level		3

SECTION XIII-VOLATILE ORGANIC COMPOUND (V.O.C.) CONTENT ACCORDING TO THE FEDERAL EPA

<u>Stock Number</u>	<u>AA-F</u>
Weight %	30.0
Pounds per Gallon	1.08
Grams per Liter	130
Pounds per Can	0.188

SECTION XIV-CALIFORNIA PROPOSITION 65 WARNINGS

According to the California Safe Drinking Water and Toxic Enforcement Act (PROPOSITION 65) "No person in the course of doing business shall knowingly and intentionally expose any individual to a chemical known to the State of California to cause cancer, birth defects or reproductive toxicity without first giving clear and reasonable warning to such individuals of such an exposure". **The following warnings apply: NONE**

SECTION XV-OZONE DEPLETION IN THE UPPER ATMOSPHERE

This product does not contain upper atmosphere ozone depleting substances.

DISCLAIMER: The information contained in this MSDS is believed to be accurate and reliable as of the date indicated. **Crest Industries, Inc.** assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.