

Material Safety Data Sheet

MSDS No. 110-78C

(AW-60-5000)

Date of Preparation: October 22, 2002

Revision 3

Section 1 - Chemical Product and Company Identification

Brand Name: Do Active Products
Product Name: Bodybuilding Gel Mousse
Formula Number: 110-78C
Customer Number: AW-60-5000
General Use: HAIR CARE-STYLANT
Manufacturer: 220 Laboratories, Inc.
2375 Third Street
Riverside, CA USA 92507

Daytime Business Phone Number: (909)-683-2912
Chemtrec 24 hour Emergency No: (800)-424-9300

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt
Isopentane	00078-78-4	5.1
Isobutane	00075-28-5	0.9

Components:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Isopentane	None Estab.		600 ppm				
Isobutane	None Estab.		800 ppm				

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

HMIS
H 1
F 4
R 0
PPE†
†Sec. 8

Potential Health Effects

Primary Entry Routes: Mainly through inhalation, skin contact, and ingestion. Product is not expected to pose significant hazard to health.

Target Organs: N/A

Acute Effects

Inhalation: Product contains low level of aerosol propellant. Inhalation is expected to pose minor effects. Excess exposure may cause dizziness, additional CNS effects.

Eye: Avoid eye contact. May cause irritation with redness, tearing, and blurred vision.

Skin: Not generally considered a skin contact hazard. In extremely sensitive individuals skin or scalp irritation may occur.

Ingestion: Ingestion may cause nausea and vomiting, general gastrointestinal discomfort. Not expected to produce permanent health effects.

Carcinogenicity: IARC, NTP, and OSHA do not list as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: Existing conditions of the scalp, seborrheic conditions.

Chronic Effects: None known.

Section 4 - First Aid Measures

Inhalation: Is not normally considered an entry route for this product.

Eye Contact: Flush eyes with plenty of water for at least fifteen minutes.

Skin Contact: Not normally considered a skin contact hazard. If adverse reaction occurs flush skin with plenty of water. Remove contaminated clothing.

Ingestion: If swallowed give large amounts of water. Contact physician immediately.

After first aid, get appropriate in-plant, paramedic, or community medical support.

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Note to Physicians: N/A

Section 5 - Fire-Fighting Measures**Flash Point:** 14°F (-10°C)**Flash Point Method:** Closed Cup**Burning Rate:** N/A**Autoignition Temperature:** N/A**LEL:** N/A**UEL:** N/A**Flammability Classification:** Extremely Flammable.**Extinguishing Media:** Use water, foam, dry chemical or carbon dioxide.**Unusual Fire or Explosion Hazards:** Closed containers exposed to excessive temperatures may explode.**Hazardous Combustion Products:** May produce carbon dioxide, carbon monoxide, and oxides of nitrogen.**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.**Section 6 - Accidental Release Measures****Spill/Leak Procedures:** Contain spill; sweep up, collect and place in a disposal container.**Large Spills****Containment:** For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.**Cleanup:****Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).**Section 7 - Handling and Storage****Handling Precautions:** Do not take internally. Supervise young children during use.**Storage Requirements:** Store in cool dry area.**Regulatory Requirements:** N/A**Section 8 - Exposure Controls / Personal Protection****Engineering Controls:****Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.**Administrative Controls:****Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or nonroutine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA.*Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.**Protective Clothing/Equipment:** Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

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Section 9 - Physical and Chemical Properties

Physical State: liquid to gel product
Appearance and Odor: Opaque white with characteristic odor
Odor Threshold: N/A
Vapor Pressure: Not determined
Vapor Density (Air=1): N/A
Formula Weight: N/A
Density: N/A
Specific Gravity of product before adding propellant (H₂O=1, at 4 °C): 0.992
pH: 6.3

Water Solubility: Soluble
Other Solubilities: N/A
Boiling Point: Not determined
Freezing/Melting Point: Not determined
Viscosity: Not determined
Refractive Index: Not determined
Surface Tension: Not determined
Evaporation Rate: Not determined
% VOC: 6.0%

Section 10 - Stability and Reactivity

Stability: Product is stable at room temperature in closed containers under normal storage and handling conditions.
Polymerization: Hazardous polymerization cannot occur.
Chemical Incompatibilities: Strong acids, bases, oxidizing agents.
Conditions to Avoid: Excessive heat.
Hazardous Decomposition Products: Thermal oxidative decomposition can produce toxic fumes of carbon dioxide, carbon monoxide, and oxides of nitrogen.

Section 11- Toxicological Information

Toxicity Data:*

Eye Effects: Avoid eye contact. Product may cause minor to moderate eye irritation.
Skin Effects: Not applicable for this product. Product is not considered to be a skin contact hazard.

Acute Inhalation Effects: Excess exposure to hydrocarbon propellant may cause dizziness, CNS effects.
Acute Oral Effects: N/A
Chronic Effects: N/A
Carcinogenicity: N/A
Mutagenicity: N/A
Teratogenicity: N/A

* See NIOSH, RTECS for additional toxicity data.

Section 12 - Ecological Information

Ecotoxicity: N/A
Environmental Fate: N/A
Environmental Degradation: N/A
Soil Absorption/Mobility: N/A

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.
Disposal Regulatory Requirements: Dispose of in accordance with all federal, state, and local regulations.
Container Cleaning and Disposal: Dispose of in accordance with all federal, state and local regulations.

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Section 14 - Transport Information**DOT (49 CFR 172.101):**

Shipping Name: CONSUMER
COMMODITY
Hazard Class: ORM-D

IATA (By Air):

Shipping Name: CONSUMER
COMMODITY
Hazard Class: 9
ID No.: 8000
Label: MISCELLANEOUS
DANGEROUS GOODS
Packaging Instructions: 910

Quantity Limitations

UPS Air: 30 kg total package
UPS Ground non-bulk: 154 kg/case (70lb)
UPS package weight cannot exceed 154 kg
(70 lb)
a) Passenger, Aircraft, or Railcar: Yes
b) Cargo Aircraft Only: No

Section 15 - Regulatory Information**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)
RCRA Hazardous Waste Classification: Not classified
CERCLA Hazardous Substance (40 CFR 302.4) listed/unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307(a), CAA, Sec. 112
SARA Toxic Chemical (40 CFR 372.65): Not listed
SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed, Threshold Planning Quantity (TPQ)

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

Section 16 - Other Information

Prepared By: Colleen Monahan

Revision Notes: formula revised to meet 6% VOC requirements

Additional Hazard Rating Systems: N/A

Disclaimer: This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. 220 Laboratories, Inc. shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation, and verification.