

MATERIAL SAFETY DATA SHEET



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

MSDS #: 0006MF	Issue Date: 12/16/2009	
PRODUCT NAME:	Meltonian Nu-Life Color Spray, all colors	
GENERAL USE:	Aerosol Spray Dye	
APPEARANCE:	Opaque Liquid	
Distributor in USA	Distributor in Canada	
Sara Lee Household & Body Care USA	Sara Lee Household & Body Care -Canada	
707 Eagleview Blvd.	Mississauga, Ontario L4W 2N3 Canada	
Exton, PA 19341-1124 USA	EMERGENCY TELEPHONE NUMBER	
EMERGENCY TELEPHONE NUMBER (800) 255-3924	(905) 712-4440	
Outside of U.S.A. (813) 248-0585		

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	% (By weight)	OSHA PEL	ACGIH TWA	SARA 302	SARA 313
ACETONE	67641	32 TO 41	TWA 1000PPM STEL None	750 ppm	No	No
BUTANE	106978	5 TO 15	TWA 800PPM STEL None	800 ppm	No	No
PROPANE	74986	10 TO 20	TWA 1000PPM STEL None	2500 ppm	No	No
TOLUENE	108883	3 TO 22	TWA 200PPM STEL None	50 ppm	No	Yes
XYLENE	1330207	0 TO 10	TWA 100PPM STEL None	100 ppm	No	Yes
METHYL ETHYL KETONE	78933	1 TO 3	TWA 200PPM STEL None	200 ppm	No	Yes
DIACETONE ALCOHOL	123422	1 TO 2	TWA 50PPM STEL None	50 ppm	No	No
BUTYL BENZYL PHTHALATE	85687	1 TO 2	TWA None STEL None	None	No	No
ETHYLBENZENE	100414	0 TO 2	TWA 100PPM STEL 125PPM	100 ppm	No	Yes
ETHANOL, 2-BUTOXY-	111762	0 TO 1	TWA 50PPM STEL None	20 ppm	No	No

In Canada, Not a WHMIS Controlled Product (Consumer Commodity)

SECTION 3 - HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: Harmful if inhaled. Causes eye irritation. Causes skin irritation. Vapors irritating to eyes and respiratory tract. Extremely flammable liquid and vapor. Vapors may cause flash fire or explosion. Extremely flammable aerosol. Contents under pressure. EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause severe eye irritation. Exposure to liquid or vapor may cause eye irritation. Symptoms may include burning, tearing, redness and swelling. EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Repeated and prolonged contact with the skin may cause allergic dermatitis. May cause skin irritation and dermatitis. May be absorbed through skin and cause hemolysis. EFFECTS OF OVEREXPOSURE - INHALATION: Exposure to high concentration of vapors may cause dizziness, breathing difficulty, headaches or respiratory irritation. Extremely high concentrations may

cause drowsiness, staggering, confusion, unconsciousness, coma or death. Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal. EFFECTS OF OVEREXPOSURE - INGESTION: Moderately toxic. May cause stomach discomfort, nausea, vomiting, diarrhea and narcosis. Aspiration of material into the lungs if swallowed or if vomiting occurs, can cause chemical pneumonitis, which can be fatal. EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Chronic overexposure to a component or components of this mixture has been found to cause the following effects in laboratory animals: kidney damage, eye damage, lung damage, liver damage, spleen damage, anemia, brain damage and reproductive system damage. Chronic overexposure to a component or components of this products has been suggested as a cause of the following effects in humans: liver damage and cardiac abnormalities. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. This product contains butyl benzyl phthalate which has been shown to cause cancer in at least one study in laboratory animals. Butyl benzyl phthalate is not listed by OSHA, IARC, or NTP as a carcinogen. This product contains toluene which may be harmful to the fetus based on animal studies. Repeated exposure to toluene has been associated with high frequency hearing loss in laboratory animals. This product contains ethylbenzene; animal studies suggest ethylbenzene may cause tumors, and is listed in Group 2B. (possibly carcinogenic in humans) by IARC. PRIMARY ROUTES OF ENTRY: Inhalation, eye or skin contact, and ingestion.

WARNING: Using this product will expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove person to fresh air; contact a physician and/or transport to a medical facility. If breathing difficulties develop, oxygen may be given by qualified personnel. If victim is not breathing, immediately begin artificial respiration.

SKIN / EYE CONTACT Eyes: Remove contact lenses and flush with plenty of water for 15 minutes. If irritation persists, consult a doctor.

Skin: Remove any contaminated clothing and wash with soap and water. Wash clothes before reuse

INGESTION: Contact a physician immediately. Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT Less than -25 degrees F

FLAMMABLE LIMITS LEL: .3 UEL 100

AUTOIGNITION TEMP. N.D.

NFPA AEROSOL LEVEL: 3

EXTINGUISHING MEDIA Use Dry Chemical, Carbon Dioxide or Chemical Foam.

FIRE FIGHTING PROCEDURE : Full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors should be used. Water spray should not be used except to keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles are preferred.

UNUSUAL FIRE/EXPLOSION HAZARDS DANGER: EXTREMELY FLAMMABLE! Do not use near heat, sparks, or open flame. Contents under pressure. Keep away from any source of heat such as sunlight, heaters or stoves that could cause container to burst. Do not puncture or incinerate. Do not crush or place in a garbage compactor. Do not store at temperatures above 120 degrees F. Aerosol containers may explode when exposed to extreme heat. Product vapors are heavier than air and may travel a long distance to source of ignition and flash back.

HAZARDOUS COMBUSTION PRODUCTS Combustion will yield carbon dioxide and carbon monoxide and unidentified organic materials.

SECTION 6: ENVIRONMENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED -
Remove all sources of ignition. Avoid heat, sparks, flames and anything which could cause fire. Ventilate the area of spill and adjacent low lying areas. Avoid breathing solvent vapors. Remove with inert absorbant material and non-sparking tools.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE -
This product is classified as a Level 3 aerosol in accordance with the National Fire Protection Association
DANGER: EXTREMELY FLAMMABLE! Do not use near heat, sparks, or open flame. Do not store above 120°F.
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with all chemicals in general.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limits or ACGIH TLV limits.

PERSONAL PROTECTION:

RESPIRATORY PROTECTION (SPECIFY TYPE):

Use NIOSH/OSHA approved cartridge respirator or supplied air if product is present in a confined area or if exposure limits are exceeded.

PROTECTIVE GLOVES: Chemical resistant gloves if sensitivity exists or if repeated or prolonged contact occurs.

EYE PROTECTION: Chemical goggles with side shields or face shield recommended if contact with eyes is likely.

OTHER PROTECTION: Appropriate impervious clothing recommended if prolonged or repeated contact is likely

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (MM Hg)	5585.2 @ 20 °C	VAPOR DENSITY (AIR =1)	3.7
SPECIFIC GRAVITY (WATER =1)	0.7-0.8	EVAPORATION RATE (n-Butyl Acetate =1)	7.700
SOLUBILITY IN WATER	Slight	FREEZING POINT	N. A.
pH	N.A.	ODOR	Solvent Odor
BOILING POINT	1°F- 464°F	VOLATILE ORGANIC COMPOUND (Total VOCs)	88-92%

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable under normal use conditions.

CONDITIONS TO AVOID: DANGER: EXTREMELY FLAMMABLE! Do not use near heat, sparks, or open flame. Vapors will accumulate easily and may ignite explosively. Turn off all sources of flame and sparks before use. Do not smoke.

Keep area well ventilated until all vapors (odors) are gone. HARMFUL OR FATAL IF SWALLOWED. If swallowed contact a physician immediately. May cause eye and skin irritation. Avoid prolonged contact with the skin. Wash hands after using. If sprayed in eyes, flush with water for 15 minutes. If you experience eye watering, headaches or dizziness, increase fresh air, wear respiratory protection or leave the area.

CONTENTS UNDER PRESSURE. Do not puncture, incinerate, crush or store above 120°F. Heat from sunlight, radiators, stoves, hot water or other sources may cause container to burst. Discard empty can in trash pick up. Do not burn or place in garbage compactor

NOTICE: Irritation may result from inhalation, prolonged skin contact, or direct contact with eyes. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

WARNING: Using this product will expose you chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong Oxidizing Agents

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will yield carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION Will not occur under normal conditions

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Ingredients	%	CAS #	LD50 of Ingredients (Specify Species and Route)	LC50 of Ingredients (Specify Species and Route)
ACETONE	32 TO 41	67641	5800 mg/kg Rat-oral	50100 mg/m3/8H Rat-inhalation
BUTANE	10 TO 20	106978	N.AV.	658 gm/m3/4H Rat-oral

PROPANE	6 TO 15	74986	N.AV.	N.AV.
			Rat-oral	Mus-inhalation
TOLUENE	3 TO 22	108883	5000 mg/kg	5320 ppm/8H
			Rat-oral	Mus-inhalation
XYLENE	0 TO 10	1330207	4300 mg/kg	5000 ppm/4H
			Rat-oral	Rat-inhalation
METHYL ETHYL KETONE	1 TO 3	78933	2737 mg/kg	40 g/m3
			Rat-oral	Mus-inhalation
DIACETONE ALCOHOL	1 TO 2	123422	400 mg/kg	N.AV.
			Rat-oral	
BUTYL BENZYL PHTHALATE	1 TO 2	85687	2330 mg/kg	6700 mg/kg
			Rat-oral	Rat- skin
ETHYLBENZENE	0 TO 2	100414	3500 mg/kg	N. AV.
			Rat-oral	
ETHANOL, 2-BUTOXY-	0 TO 1	111762	470 mg/kg	700 ppm/7H
			Rat-oral	Mus-inhalation

SECTION 12 - ECOLOGICAL INFORMATION

None

SECTION 13 - DISPOSAL INFORMATION

Dispose of product in accordance with federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Aerosols, flammable UN 1950 Hazard Division 2.1 reclassified Consumer Commodity ORM-D for ground transportation

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act):

Components of this product are listed on the TSCA Inventory.

SARA TITLE III (Superfund Amendments and Reauthorization Act), Canadian Regulations and California Prop 65:

Chemical Name	CAS #	SARA 313	SARA 302	CANADA IDL	DSL	NDSL
ACETONE	67641	No	No	Yes	Yes	No
BUTANE	106978	No	No	Yes	Yes	No
PROPANE	74986	No	No	No	Yes	No
TOLUENE	108883	Yes	No	Yes	Yes	No
XYLENE	1330207	Yes	No	No	Yes	No
METHYL ETHYL KETONE	78933	Yes	No	Yes	Yes	No
DIACETONE ALCOHOL	123422	No	No	Yes	Yes	No
BUTYL BENZYL PHTHALATE	85687	No	No	Yes	Yes	No
ETHYLBENZENE	100414	Yes	No	Yes	Yes	No
ETHANOL, 2-BUTOXY-	111762	No	No	Yes	Yes	No

Chemical Name	CAS #	Prop65 Cancer	Prop65 Developmental	Prop65 Female Reproductive	Prop65 Male Reproductive
ACETONE	67641	No	No	No	No
BUTANE	106978	No	No	No	No
PROPANE	74986	No	No	No	No
TOLUENE	108883	No	Yes	No	No
XYLENE	1330207	No	No	No	No
METHYL ETHYL KETONE	78933	No	No	No	No
DIACETONE ALCOHOL	123422	No	No	No	No

BUTYL BENZYL PHTHALATE	85687	No	Yes	No	No
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ETHYLBENZENE	100414	Yes	No	No	No
ETHANOL, 2-BUTOXY-	111762	No	No	No	No

SECTION 16 -OTHER INFORMATION

US SKU: Adobe 701-035, Avocado 701-008, Bark 701-040, Black 701-015 & 702-015, Bone 701-018, Bright Red 701-021, Burgundy 701-038, Camel 701-002, Chamois 701-034 Champagne 701-033, Charcoal Grey 701-050, Chocolate 701-045, Coffee 701-051, Cordovan 701-036, Dark Bone 701-048, Dark Brown 701-006 & 702-006, Dark Green 701-031, Fashion Brown 701-029, Gold 701-024, Golden Brown 701-053, Green 701-007, Grey 701-014, Light Brown 701-004, Light Grey 701-060, Light Navy 701-011, Mahogany 701-046, Natural 701-047, Navy 701-012, Otter 701-074, Pink 701-019, Maroon 701-022, Medium Brown 701-005, Mist 701-055, Orange 701-016, Purple 701-013, Raspberry 701-072, Red Mahogany 701-058, Rich Brown 701-042, Royal Blue 701-010, Russet 701-044, Saddle 701-030, Sand 701-057, Sapphire 701-078, Scarlet 701-020, Shell Pink 701-073, Silver 701-023, Smoked Elk 701-041, Tan 701-003, Tangerine 701-095, Taupe 701-069, Vanilla 701-049, White 701-017 & 702-017, Winter White 701-082, Yellow 701-001

Canada SKU

HMIS HAZARD HEALTH: 2 0 = INSIGNIFICANT 3 = HIGH
 FLAMMABILITY 4 1 = SLIGHT 4 = EXTREME
 REACTIVITY: 0 2 = MODERATE

PERSONAL PROTECTION G
 EQUIPMENT:

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