



MATERIAL SAFETY DATA SHEETS

SECTION I: PREPARATION IDENTIFICATION AND COMPANY INFORMATION

MANUFACTURER'S NAME: ENTITY BEAUTY, INC.

USA/CANADA EMERGENCY TELEPHONE: 1.800.535.5053
INTERNATIONAL EMERGENCY TELEPHONE: 1.352.323.3500
INFORMATION CONTACT: INFOTRAC

ADDRESS: 440 W. ONTARIO STREET
 CHICAGO, IL 60654 USA

ENTITY'S FORMULA NUMBER: CONFIDENTIAL

PRODUCT CODE: NATURAL NAIL PREP

FAMILY: CLEANSING AGENT

PRODUCT TYPE: WIPING SOLUTION

TRADE NAME: NATURAL NAIL PREP

PRODUCT USE: WIPING SOLUTION

ISSUED: 01 DECEMBER 2006 (REVISION 1)

SECTION II: COMPOSITION AND INGREDIENT INFORMATION

Hazard Information for components

Associated Risk and Safety Phrases according to EU Classification

Isopropyl alcohol	F; Xi R11, R36, R67 S 2, 7, 16, 24/25, 26	Highly flammable; Irritating to eyes; Vapours may cause drowsiness and dizziness
n-Butyl acetate	R10, R66, R67 S 2, 25	Repeated exposure may cause skin dryness and cracking; Vapours may cause drowsiness and dizziness
Acetone	F; Xi R11, R36, R66, R67 S 2, 9, 16, 26	Highly flammable; Irritating to eyes; Repeated exposure may cause skin dryness and cracking; Vapours may cause drowsiness and dizziness
Methylparaben	Xn R22, R41, R36/38 S 26, 36/39	
Propylparaben	Xn R22, R41, R36/38 S 26, 36/39	
Triclosan		Not classified
CI15850 (Pigment Red 57:1)		Not classified

<u>CAS Number</u>	<u>EINECS#</u>	<u>U. S. INCI</u>	<u>EU INCI</u>
67-63-0	200-661-7	Isopropyl alcohol	Listed in 96/335/EC as isopropyl alcohol
123-86-4	204-658-1	n-Butyl acetate	Listed in 96/335/EC as butyl acetate
67-64-1	200-662-2	Acetone	Listed in 96/335/EC as acetone
99-76-3	202-785-7	Methylparaben	Listed in 96/335/EC as methylparaben
94-13-3	202-307-7	Propylparaben	Listed in 96/335/EC as propylparaben
3380-34-5	222-182-2	Triclosan	Listed in 96/335/EC as triclosan
5281-04-9	226-109-5	CI15850	Listed in 96/335/EC as Pigment Red 57:1

<u>Chemical Identity</u>	<u>Exposure</u> OSHA	<u>Limits</u> ACGIH	<u>Carcinogen</u>	<u>%</u>
	TWA/STEL	TWA/STEL	IARC/NTP/OSHA	
Isopropyl alcohol	400 ppm	400 ppm	Not listed	70-80
n-Butyl acetate	150 ppm	150 ppm	Not listed	10-20
Acetone	1000 ppm	750 ppm	Not listed	5-15
Methylparaben	N/E	Nuisance dust	Not listed	0-1
Propylparaben	N/E	Nuisance dust	Not listed	0-1
Triclosan	N/E	N/E	Not listed	0-1
CI15850	N/E	N/E	Not listed	0-1

N/E =None Established



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SECTION III: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- **Flammable liquid and vapour**
- May cause eye irritation
- May cause skin irritation
- Avoid prolonged or repeated breathing of gases, vapours or mists
- Please read entire MSDS for additional information.



Hazard Information for Product

Hazard symbols for product
Risk phrases

Safety phrases

- Xi:** Irritant
F: Highly Flammable
R11 - Highly flammable
R36/37/38 - Irritating to eyes, respiratory system and skin
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness
S7/9 - Keep container tightly closed and in a well ventilated place
S16 - Keep away from sources of ignition- no smoking
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S33 - Take precautionary measures against static discharges
S37/39 - Wear suitable gloves and eye/face protection
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Potential Health Effects, Signs and Symptoms of Exposure:

- Primary Route of Entry:** Inhalation, skin contact and ingestion
- Eye:** Vapours are irritating to eyes. Liquid contact with eyes may cause severe irritation and possible corneal damage. Symptoms may include stinging, tearing and redness
- Skin:** Repeated or prolonged contact may cause drying of skin. Symptoms include redness, burning, drying, cracking and dermal burns.
- Ingestion:** Swallowing small amounts during normal use is not likely to result in harmful effects. Swallowing large quantities may be harmful. Aspiration of the product and hence lung exposure, during swallowing or vomiting, is possible.
- Inhalation:** Vapours are irritating to nasal passages and throat. Vapour inhalation may cause stupor or headache. Symptoms usually occur at air concentrations that are above the threshold for recommended exposure limits.
- Chronic Health Effects** Significant exposure may adversely affect people with existing chronic conditions or may cause damage to respiratory system, skin and eyes. No chronic exposure study data are available.

SECTION IV: FIRST AID MEASURES

- First Aid for Eye:** Flush with water for 15 minutes, including under eyelids. Seek medical attention if irritation or discomfort persists.
- First Aid for Skin:** Wash contaminated skin thoroughly with soap and water. Remove contaminated clothing and wash before re-use. Seek medical attention if irritation or discomfort persists.
- First Aid for Inhalation:** Remove person to fresh air and give oxygen if breathing difficulties are evident. Artificial respiration should be administered if breathing has stopped. Seek medical attention if discomfort persists.



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First Aid for Ingestion: Vomiting should only be induced under direction from a physician.
Seek medical attention.

SECTION V: FIRE FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
68°F/20°C	LEL: 2% ; UEL : 11.4%	No data

Method:

Extinguishing Media: Carbon dioxide, dry chemical for small fires or alcohol type aqueous film forming foam

Fire Fighting Instructions: Where exposure to vapours or products of combustion is possible, wear self-contained breathing apparatus and full protective clothing.

Unusual Hazards: Flammable. Material is a fire explosion hazard when exposed to heat/flames. Vapours are heavier than air and may travel to source of ignition and flash back. Material creates a special hazard if it floats on water.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures: Eliminate all sources of heat and ignition.
Use absorbent material for spills and dyke it, wash spill material into a retaining container. Do not flush to sewer.
Place retaining containers in a well ventilated area and dispose in accordance with local disposal regulations.
Keep out all unnecessary or unprotected personnel. Contain and recover liquid where possible.
Use only non-sparking tools and equipment.
Collect liquid spills by absorbing onto inert materials (e.g. vermiculite, dry sand, earth) and place in a chemical waste container. Do not use combustible materials e.g. sawdust.
Refer to Section 8 for details of PPE required.
EU Regulations require consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse vapours and to protect personnel attempting to prevent further leakage and to flush spills away from exposure area.

US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. {Toll free number for US Coast Guard National Response Centre is (800) 424-8802.}

SECTION VII: HANDLING AND STORAGE

Handling: Closed containers in transit or storage, exposed to temperatures above circa 50°C (120°F), may develop vapour pressure in headspaces. Open containers slowly. Ground all metal containers when transferring material. Wash face and hands thoroughly after handling and before eating, drinking or smoking.
Storage: DO NOT STORE IN METAL CONTAINERS.
Store in a cool, well ventilated area away from heat, sparks or flames. Keep containers closed when not in use.
Explosion Hazard: Flammable liquid. Avoid ignition sources or excessive temperatures. Product (and residues in empty containers) can ignite explosively.

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SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

Facilities storing or using this material should be equipped with eye stations and safety showers.

Personal Protective Equipment – Risk assessments in workplace should be completed in accordance with Annex 4 of Directive 98/24/EC

General: To identify suitable Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment is conducted in accordance with OSHA PPE Standard (29CFR1910.132) or European Standard EN166 before using the product. Always check suitability of equipment with the supplier.

Provide eye wash stations and safety showers.

To prevent any contact with product, wear impervious clothing e.g. gloves, boots, apron or whole body suit.

The use of nitrile rubber is considered better than PVC.

Eye/ Face Protection: Chemical splash goggles, in compliance with OSHA regulations are advised. Safety glasses in compliance with CEN specifications are recommended

Skin Protection: To prevent any contact with product, wear impervious clothing e.g. gloves, boots, apron or whole body suit. The use of nitrile rubber is considered better than PVC.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapour cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits.

Protection provided by air purifying respirators is limited. Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulation found in 29 CFR 1910.134 or European Standard EN 149.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odour & Odour Threshold	pH	Specific Gravity	Viscosity	% Volatile -	Solubility In Water (20°C)
Pink mobile liquid	Fruity, pungent characteristic odour	N/A	(H ₂ O=1): 0.918	N/A	W/W%: 99+	8.7%
Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient	Vapour Pressure:	Vapour Density	Evaporation Rate	Ignition
77°C	No data	No data	73 mm Hg: @ 20°C	(Air=1): 3.0	Butyl Acetate = 1 : 4.5	N/A
Flash Point (°F/°C)		Flammable Limit (vol%)		Auto-ignition Temperature (vol%)		
Tag Closed Cup: 68°F/ 20°C		LEL : 2% ; UEL : 11.4%		No data		

SECTION X: STABILITY AND REACTIVITY

Stability:
Stable

Hazardous Decomposition Products:
Carbon monoxide

Conditions to Avoid:

Temperatures above 50°C (120°F), heat, flames, ignition sources and incompatible materials.

Incompatibility (Materials to Avoid):

Oxidising agents (e.g hydrogen peroxide, Nitric acid, perchloric acid, chromium trioxide)

Hazardous Polymerization:

Will not occur



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SECTION XI: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
Oral LD ₅₀ (mouse): 3600 mg/kg	Dermal LD ₅₀ (rabbit): 12800 mg/kg	Inhalation LC ₅₀ (rat): 1030 µg/m ³	No data	No data
Sensitization		Mutagenicity		Sub-chronic Toxicity
No data		Rat = 1030 µg/m ³ /16W		No data

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
LC ₅₀ values (for 96 hours) in fish are over 100 mg/L	No data	No data	No data	No data

Chemical Fate Information

Biodegradability	When released into the soil, this material is expected to quickly evaporate. When released into the soil, this material may leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life between 1 and 10 days. When released into water, this material may biodegrade to a moderate extent. This material is not expected to significantly bioaccumulate.
Chemical Oxygen Demand	No data

SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of dyking and absorbent materials in compliance with State, Local, and Federal regulations. Residual vapours may explode on ignition; do not cut, drill, or weld on or near the container. Mix with a compatible chemical which is less flammable and incinerate.

For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION XIV: TRANSPORT INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name:	Flammable liquids, n.o.s., (isopropyl alcohol, n-butyl acetate), 3, UN1993, PGII
Identification Number:	UN1993
Marine Pollutant:	No
Special Provisions:	T8, T31
Emergency Response Guidebook (ERG) #:	128
IATA (DGR):	
Proper Shipping Name:	Flammable liquids, n.o.s., (isopropyl alcohol, n-butyl acetate), 3, UN1993, PGII
Class or Division:	3
UN or ID Number:	UN1993



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Packaging Instructions:	PGII
Emergency Response Guidance (ICAO)#:	
IMO (IMDG):	
Proper Shipping Name:	Flammable liquids, n.o.s., (isopropyl alcohol, n-butyl acetate), 3, UN1993, PGII
Class or Division:	3.2
UN or ID Number:	UN1993
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	
Other Information:	Flash point = 20°C

SECTION XV: REGULATORY INFORMATION

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's) as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> • NONE This product does not contain any Class 1 or Class 2 ODS.
Clean Water Act:	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: <ul style="list-style-type: none"> • Butyl Acetate, CAS# 123-86-4
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food-packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Fire hazard
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). <ul style="list-style-type: none"> • Characteristic of Ignitability, RCRA Code: D001 • Acetone, CAS# 67-64-1, RCRA Codes U002
SARA Title III: Section 302 (TPQ)	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): <ul style="list-style-type: none"> • Acetone, CAS# 67-64-1, RQ(lbs.): 5,000 • Butyl Acetate, CAS# 123-86-4, RQ (Lbs): 5000
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA Title III: Section 311-312:	This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). It's hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Fire hazard




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SARA Title III: Section 313:	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: • Isopropyl Alcohol CAS# 67-63-0
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals in this material have a SNUR under TSCA.

State Regulations

CA Right-to-Know Law:	Acetone CAS #67-64-1, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	Acetone CAS #67-64-1, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4
NJ Right-to-Know Law:	Acetone CAS #67-64-1, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4
PA Right-to-Know Law:	Acetone CAS #67-64-1, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4
FL Right-to-Know Law:	Acetone CAS #67-64-1, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4
MN Right-to-Know Law:	Acetone CAS #67-64-1, Isopropyl Alcohol CAS #67-63-0, Butyl Acetate CAS #123-86-4

International Regulations

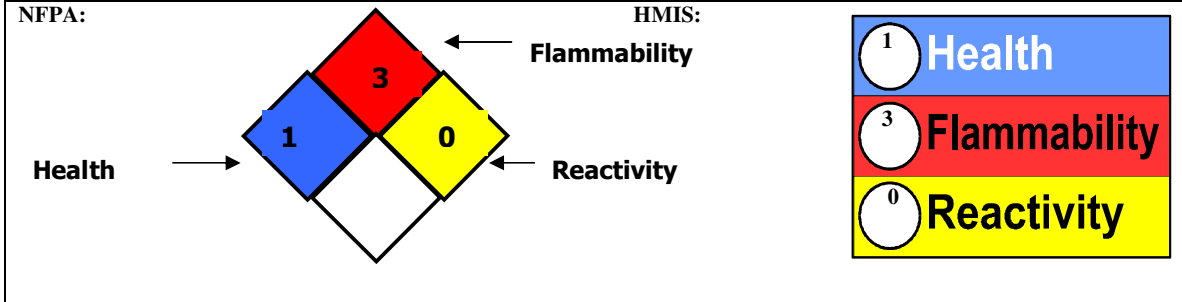
CDSL: Canadian Inventory (on Canadian Transitional List)	Acetone CAS# 67-64-1 is on the DSL List. WHMIS = n/da Isopropyl Alcohol CAS #67-63-0 is on the DSL List. WHMIS = n/da Butyl Acetate CAS #123-86-4 is on the DSL list. WHMIS = B2, D1B, D2B Propylparaben CAS #202-307-7 is on the DSL list. WHMIS = n/da
EINECS: European Inventory: 	<p>Natural Nail Prep:</p> <ul style="list-style-type: none"> HAZARD SYMBOLS: Xi, F: Irritant, Highly Flammable RISK PHRASES: R11: highly flammable, R36/37/38: Irritating to eyes, respiratory system and skin. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness. <p>SAFETY PHRASES: S7/9: keep container tightly closed and in a well ventilated place, S16: keep away from sources of ignition- no smoking, S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S33: take precautionary measures against static discharges, S37/39: wear suitable gloves and eye/face protection, S45: In case of accident or if you feel unwell, seek medical advise immediately (show the label where possible)</p>



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SECTION XVI: OTHER INFORMATION

Hazard Rating System (Pictograms)



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