

Issue Date 20-Dec-2012

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Version 1

1. IDENTIFICATION

Product Identifier

Product Name Nail Polish Remover

Other means of identification

SDS # PCP-021

UN/ID No UN1993

Product Code 20221/Nail Polish Remover Regular/10048155920221

Recommended use of the chemical and restrictions on use

Recommended Use Removes nail polish.

Details of the supplier of the safety data sheet

Supplier Address

Personal Care Products LLC
3001 West Big Beaver Rd. Ste. 520
Troy, MI 48084
248.971.7600
<http://www.personal-care.com>

Emergency telephone number

Company Phone Number 248-971-7600
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

Signal word

Danger

Hazard statements

Causes severe eye irritation
May cause respiratory irritation. May cause drowsiness or dizziness
Highly flammable liquid and vapor

**Appearance** Yellow Liquid**Physical state** liquid**Odor** Acetone**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Keep cool

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Call a POISON CENTER or doctor/physician if you feel unwell
 In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
 Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not Applicable

Other Information

Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Acetone	67-64-1	60-65	*
Isopropyl alcohol	67-63-0	0-1	*
Glycerol	56-81-5	0-1	*
Ethylacetate	141-78-6	0-1	*

4. FIRST AID MEASURES

First aid measures**Inhalation**

Remove to fresh air.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Skin Contact Non-toxic in contact with skin.

Most important symptoms and effects, both acute and delayed

Symptoms Causes eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Alcohol resistant foam.

Unsuitable Extinguishing Media Not determined.

Specific hazards arising from the chemical

Flammable.

Hazardous combustion products Carbon oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Remove all sources of ignition.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Avoid breathing vapors or mists. Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Ground container and transfer equipment to eliminate static electric sparks. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store away from heat, sparks / flame.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³
Ethylacetate 141-78-6	TWA: 400 ppm	TWA: 400 ppm TWA: 1400 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 1400 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 1400 mg/m ³
Glycerol 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	-
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Avoid contact with eyes.
- Skin and body protection** No special technical protective measures are necessary.
- Respiratory protection** Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	liquid	Odor	Acetone
Appearance	Yellow Liquid	Odor threshold	Not determined
Color	Yellow		

<u>Property</u>	<u>The following physical data are approximate only and do not represent specification values. They should be used only in the context of this safety data sheet.</u>	<u>Remarks • Method</u>
pH	6-8	
Melting point/freezing point	-94 °C / -137 °F	(acetone)
Boiling point/boiling range	56 °C / 133 °F	(acetone)
Flash point	-15 °C / 5 °F	
Evaporation rate	5.6	(butyl acetate = 1)
Flammability (solid, gas)	n/a-liquid	
Flammability Limits in Air		
Upper flammability limits	12.8%	
Lower flammability limit	2.6%	
Vapor pressure	533.3 hPa	@ 39.5 °C (acetone)
Vapor density	2.0	(Air=1) (acetone)
Specific Gravity	0.87-0.91	
Water solubility	Soluble in water	
Solubility in other solvents	Soluble in some polar solvents	
Partition coefficient	Log Pow: -0.24	(acetone)
Autoignition temperature	465 °C / 869 °F	(acetone)
Decomposition temperature	Not determined	
Kinematic viscosity	Not viscous	
Dynamic viscosity	Not viscous	
Explosive properties	Not an explosive	
Oxidizing properties	Not an oxidizer	

Other Information**10. STABILITY AND REACTIVITY**Reactivity

Not reactive under normal conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Thermal decomposition may produce oxides of carbon.

11. TOXICOLOGICAL INFORMATIONInformation on likely routes of exposure**Product Information**

Inhalation	Avoid breathing vapors or mists.
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Eye contact	Causes severe eye irritation.
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Skin Contact No known hazard in contact with skin.

Ingestion Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone 67-64-1	5800 mg/kg (Rat)	-	-
Ethylacetate 141-78-6	5620 mg/kg (Rat)	>18000 mg/kg (Rabbit) >20 mL/kg (Rabbit)	-
Glycerol 56-81-5	12600 mg/kg (Rat)	>21900 mg/kg (Rat)	-
Isopropyl alcohol 67-63-0	4396 mg/kg (Rat)	12800 mg/kg (Rat) 12870 mg/kg (Rabbit)	72.6 mg/L (Rat) 4 h

Information on physical, chemical and toxicological effects

Symptoms Causes eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Carcinogenic potential is unknown.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol 67-63-0		Group 1 Group 3		X

STOT - single exposure May cause respiratory irritation. May cause drowsiness or dizziness.

Numerical measures of toxicity- Product

Not determined

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 9355 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Acetone 67-64-1		4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50	EC50 = 14500 mg/L 15 min	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50
Ethylacetate 141-78-6	3300: 48 h Desmodesmus subspicatus mg/L EC50	220-250: 96 h Pimephales promelas mg/L LC50 flow-through 352-500: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 484: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	EC50 = 1180 mg/L 5 min EC50 = 1500 mg/L 15 min EC50 = 5870 mg/L 15 min EC50 = 7400 mg/L 2 h	560: 48 h Daphnia magna mg/L EC50 Static
Glycerol 56-81-5		51 - 57: 96 h Oncorhynchus mykiss mL/L LC50 static		>500: 24 h Daphnia magna mg/L EC50

Isopropyl alcohol 67-63-0	>1000: 72 h Desmodemus subspicatus mg/L EC50 >1000: 96 h Desmodemus subspicatus mg/L EC50	11130: 96 h Pimephales promelas mg/L LC50 static 9640: 96 h Pimephales promelas mg/L LC50 flow-through >1400000: 96 h Lepomis macrochirus µg/L LC50	13299: 48 h Daphnia magna mg/L EC50
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Persistence and degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

Chemical Name	Partition coefficient
Acetone 67-64-1	0
Isopropyl alcohol 67-63-0	0.05
Glycerol 56-81-5	0
Ethylacetate 141-78-6	0.6

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acetone 67-64-1		Included in waste stream: F039		U002
Ethylacetate 141-78-6		Included in waste stream: F039		U112

Chemical Name	California Hazardous Waste Status
Acetone 67-64-1	Ignitable
Isopropyl alcohol 67-63-0	Toxic Ignitable
Ethylacetate 141-78-6	Toxic Ignitable

14. TRANSPORT INFORMATION**Note**

Based on package size, product may be eligible for limited quantity exception

DOT**UN/ID No**

UN1993

Proper shipping name

Flammable liquids, n.o.s. (acetone, isopropyl alcohol)

Hazard Class	3
Packing Group	II

IATA

UN/ID No	UN1993
Proper shipping name	Flammable liquids, n.o.s. (acetone, isopropyl alcohol)
Hazard Class	3
Packing Group	II

IMDG

UN/ID No	UN1993
Proper shipping name	Flammable liquids, n.o.s. (acetone, isopropyl alcohol)
Hazard Class	3
Packing Group	II

15. REGULATORY INFORMATION

International Inventories**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropyl alcohol - 67-63-0	67-63-0	0-1	1.0

SARA 311/312 Hazard Categories

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Acetone 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Ethylacetate 141-78-6	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Acetone 67-64-1	X	X	X
Ethylacetate 141-78-6	X	X	X
Glycerol 56-81-5	X	X	X
Isopropyl alcohol 67-63-0	X	X	X

U.S. EPA Label Information

16. OTHER INFORMATION**NFPA****Health hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health hazards**

Not determined

Flammability

Not determined

Physical hazards

Not determined

Personal protection

Not determined

Issue Date

20-Dec-2012

Revision Date

21-Dec-2012

Revision Note

new format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet