

# PERSONAL CARE

PRODUCTS

# SAFETY DATA SHEET

Issue Date 20-Dec-2012

Revision Date 21-Dec-2012

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 CO<sub>2</sub>, 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<br>67-64-1           | STEL: 750 ppm<br>TWA: 500 ppm  | TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup><br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 2400 mg/m <sup>3</sup><br>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<br>TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>                                               |
| Ethylacetate<br>141-78-6     | TWA: 400 ppm                   | TWA: 400 ppm TWA: 1400 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 1400 mg/m <sup>3</sup>                                                                                                                                                                                       | IDLH: 2000 ppm<br>TWA: 400 ppm TWA: 1400 mg/m <sup>3</sup>                                              |
| Glycerol<br>56-81-5          | TWA: 10 mg/m <sup>3</sup> mist | TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction                                                                  | -                                                                                                       |
| Isopropyl alcohol<br>67-63-0 | STEL: 400 ppm<br>TWA: 200 ppm  | TWA: 400 ppm TWA: 980 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m <sup>3</sup>                                                                                                                    | IDLH: 2000 ppm<br>TWA: 400 ppm TWA: 980 mg/m <sup>3</sup><br>STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup> |

**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**

|                       |               |                       |                |
|-----------------------|---------------|-----------------------|----------------|
| <b>Physical state</b> | liquid        | <b>Odor</b>           | Acetone        |
| <b>Appearance</b>     | Yellow Liquid | <b>Odor threshold</b> | Not determined |
| <b>Color</b>          | Yellow        |                       |                |

| Property                     | 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. | Remarks • Method    |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 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 INFORMATION

## Information on likely routes of exposure

## Product Information

|                    |                                  |
|--------------------|----------------------------------|
| <b>Inhalation</b>  | Avoid breathing vapors or mists. |
| <b>Eye contact</b> | Causes severe eye irritation.    |

**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<br>67-64-1           | 5800 mg/kg ( Rat )  | -                                            | -                     |
| Ethylacetate<br>141-78-6     | 5620 mg/kg ( Rat )  | >18000 mg/kg ( Rabbit ) >20 mL/kg ( Rabbit ) | -                     |
| Glycerol<br>56-81-5          | 12600 mg/kg ( Rat ) | >21900 mg/kg ( Rat )                         | -                     |
| Isopropyl alcohol<br>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<br>67-63-0 |       | Group 1<br>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<br>67-64-1       |                                                 | 4.74 - 6.33: 96 h<br>Oncorhynchus mykiss mL/L<br>LC50 6210 - 8120: 96 h<br>Pimephales promelas mg/L<br>LC50 static 8300: 96 h<br>Lepomis macrochirus mg/L<br>LC50                       | EC50 = 14500 mg/L 15 min                                                                             | 10294 - 17704: 48 h<br>Daphnia magna mg/L EC50<br>Static 12600 - 12700: 48 h<br>Daphnia magna mg/L EC50 |
| Ethylacetate<br>141-78-6 | 3300: 48 h Desmodesmus<br>subspicatus mg/L EC50 | 220-250: 96 h Pimephales<br>promelas mg/L LC50<br>flow-through 352-500: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50 semi-static 484: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50 flow-through | EC50 = 1180 mg/L 5 min<br>EC50 = 1500 mg/L 15 min<br>EC50 = 5870 mg/L 15 min<br>EC50 = 7400 mg/L 2 h | 560: 48 h Daphnia magna<br>mg/L EC50 Static                                                             |
| Glycerol<br>56-81-5      |                                                 | 51 - 57: 96 h Oncorhynchus<br>mykiss mL/L LC50 static                                                                                                                                   |                                                                                                      | >500: 24 h Daphnia magna<br>mg/L EC50                                                                   |

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

**Persistence and degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined.

| Chemical Name                | Partition coefficient |
|------------------------------|-----------------------|
| Acetone<br>67-64-1           | 0                     |
| Isopropyl alcohol<br>67-63-0 | 0.05                  |
| Glycerol<br>56-81-5          | 0                     |
| Ethylacetate<br>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<br>67-64-1       |      | Included in waste stream:<br>F039 |                        | U002                   |
| Ethylacetate<br>141-78-6 |      | Included in waste stream:<br>F039 |                        | U112                   |

| Chemical Name                | California Hazardous Waste Status |
|------------------------------|-----------------------------------|
| Acetone<br>67-64-1           | Ignitable                         |
| Isopropyl alcohol<br>67-63-0 | Toxic Ignitable                   |
| Ethylacetate<br>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)

|                      |    |
|----------------------|----|
| <b>Hazard Class</b>  | 3  |
| <b>Packing Group</b> | II |

**IATA**

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

**IMDG**

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| <b>UN/ID No</b>             | UN1993                                                 |
| <b>Proper shipping name</b> | Flammable liquids, n.o.s. (acetone, isopropyl alcohol) |
| <b>Hazard Class</b>         | 3                                                      |
| <b>Packing Group</b>        | 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<br>67-64-1       | 5000 lb                  |                | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Ethylacetate<br>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<br>67-64-1           | X          | X             | X            |
| Ethylacetate<br>141-78-6     | X          | X             | X            |
| Glycerol<br>56-81-5          | X          | X             | X            |
| Isopropyl alcohol<br>67-63-0 | X          | X             | X            |

**U.S. EPA Label Information**

**16. OTHER INFORMATION**

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                       |                                           |                                              |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------|----------------------------------------------|
| <b>NFPA</b>          | <b>Health hazards</b><br>Not determined                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Flammability</b><br>Not determined | <b>Instability</b><br>Not determined      | <b>Special Hazards</b><br>Not determined     |
| <b>HMIS</b>          | <b>Health hazards</b><br>Not determined                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Flammability</b><br>Not determined | <b>Physical hazards</b><br>Not determined | <b>Personal protection</b><br>Not determined |
| <b>Issue Date</b>    | 20-Dec-2012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                              |
| <b>Revision Date</b> | 21-Dec-2012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                              |
| <b>Revision Note</b> | new format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |                                           |                                              |
| <b>Disclaimer</b>    | <p>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.</p> |                                       |                                           |                                              |

**End of Safety Data Sheet**