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# **MATERIAL SAFETY DATA SHEET**

Page 1 of 7 **MSDS-055** 

| Prep | Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 2.5 MSDS Revision Date: 05/20/2010   |                |                     |                    |                    |                   |
|------|--|----------------|---------------------|--------------------|--------------------|-------------------|
|      |  |                |                     |                    |                    |                   |
|      | 1. PRODUCT IDENTIFICATION  |                |                     |                    |                    |                   |
| 1.1  | Product Name:  |                |                     |                    |                    |                   |
|      | N.A.S. 99® NAIL CLEANSING SOLUTION   |                |                     |                    |                    |                   |
| 1.2  | Chemical Name: ALCOHOL SOLUTION  |                |                     |                    |                    |                   |
| 1.3  | Synonyms:<br><b>N.A.S. 99</b> ®  |                |                     |                    |                    |                   |
| 1.4  | Trade Names:<br>SD 302, 303, 306, 307, 309   |                |                     |                    |                    |                   |
| 1.5  | Product Use:  COSMETIC USE ONLY  |                |                     |                    |                    |                   |
| 1.6  | Manufacturer's Name: OPI PRODUCTS, INC.  |                |                     |                    |                    |                   |
| 1.7  | Manufacturer's Address: 13034 SATICOY STREET, NO. HOLLYWOOD, CA 91605 USA  |                |                     |                    |                    |                   |
| 1.8  | Emergency Phone:<br>CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300  |                |                     |                    |                    |                   |
| 1.9  | Business Phone:  |                |                     |                    |                    |                   |
|      | +1 (818) 759-2400 / +1 (800) 341-9999  |                |                     |                    |                    |                   |
|      |  |                |                     |                    |                    |                   |
|      | 2. HAZARD  | IDENTIF        | CATION              |                    |                    |                   |
| 2.1  | Hazard Identification:   |                |                     |                    |                    |                   |
|      | This product is classified as a HAZARDOUS SUBSTANCE and as   | s DANGERO      | OUS GOODS acc       | ording to the      | classification o   | riteria of NOHSC: |
| 2.2  | 1088 (2004) and ADG Code (Australia). Flammable liquid.   Routes of Entry:   Inhalation: YES   Absorption: YES   Ingestion: YES  |                |                     |                    | YES                |                   |
| 2.3  | Effects of Exposure:   |                | Absorption.         | 120                | Tingeshori.        | 1 120             |
|      | INGESTION: If product is swallowed, may cause nausea, vo   | miting and     | l/or diarrhea and   | d central nerva    | us system dep      | oression.         |
|      | SKIN & EYES: Irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering. May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.  |                |                     |                    |                    |                   |
|      | INHALATION: Vapors of this product may be slightly irritating to the nose, throat and other tissues of the respiratory system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and difficulty breathing. Inhalation of vapors exceeding the levels listed in Section 2 (Composition and Ingredient Information) can cause central nervous system depression (e.g., drowsiness, dizziness, headaches, nausea). |                |                     |                    |                    |                   |
| 2.4  | Symptoms of Overexposure;  |                |                     |                    |                    |                   |
|      | Symptoms of skin overexposure in individuals may include redness, itching, and irritation of affected areas. Overexposure in eyes may cause redness, itching and watering.   |                |                     |                    |                    |                   |
| 2.5  |  |                |                     | auso drowsinoss    |                    |                   |
|      | dizziness, headaches and nausea.   | Cus. Audii     |                     | icennunons of      | vapois can c       | dose drowsilless, |
| 2.6  | Chronic Health Effects:  |                |                     |                    |                    |                   |
| 0.7  | None known.  |                |                     |                    |                    |                   |
| 2.7  | Target Organs:  Eyes, skin and respiratory system.   |                |                     |                    |                    |                   |
|      | and respiratory systems  |                |                     |                    |                    |                   |
| NA = | Not Available; ND = Not Determined; NE = Not Established; NF = Not Fou   | ınd; C = Ceili | ng Limit; See Secti | on 16 for Addition | nal Definitions of | Terms Used        |
|      | all WHMIS required information is included. It is located in appropriate   |                | •                   |                    |                    |                   |

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MSDS Revision Date: 05/20/2010 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 2.5 3. COMPOSITION & INGREDIENTS EXPOSURE LIMITS IN AIR (mg/m³) **ACGIH NOHSC OSHA OTHER** ppm ppm ppm ES-ES-ES-% **EINECS No.** TLV STEL **TWA** STEL PEAK PEL STEL IDLH CHEMICAL NAME(S) CAS No. RTECS No. 67-63-0 NT8050000 200-661-7 980 983 1230 NF 980 2000 ISOPROPYL ALCOHOL ≤ 99.0 980 980 THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION BAL SIGNIFICANT ADDITIONAL HAZARDS 4. FIRST AID MEASURES First Ald: 4.1 If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the INGESTION: patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. EYES: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician. If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of SKIN: the effected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately. INHALATION: Remove victim to fresh air at once. 4.2 Medical Conditions Aggravated by Exposure: HEALTH 2 None known **FLAMMABILITY** 3 0 REACTIVITY PROTECTIVE EQUIPMENT Δ **EYES** 5. FIREFIGHTING MEASURES Flashpoint & Method: 11 °C (53 °F), TCC 5.2 Autolantion Temperature: NΔ Flammability Limits: 2.0 12.7 5.3 Lower Explosive Limit (LEL): Upper Explosive Limit (UEL): 5.4 Fire & Explosion Hazards: WARNING: Flammable! Keep away from heat, lit cigarettes, sparks & open flame. Keep container closed. 5.5 ExtInquishIng Methods: HazChem Code: 2YE Hazard Identification Number: 33 CO<sub>2</sub>, Halon, Dry Chemical, Foam This product is a Class IB flammable liquid. When involved in a fire, this product will ignite readily and decompose to produce carbon oxides. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container. First responders should wear eye protection. Structural firefighters must wear SCBAs and full protective equipment. Use a water spray or foa to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product.

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### 6. ACCIDENTAL RELEASE MEASURES

6.1 Spills

Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment.

For small spills (e.g., <1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of Ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

For spills ≥ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

# 7. HANDLING & STORAGE INFORMATION

7.1 Work & Hyglene Practices:

Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product.

7.2 Storage & Handling:

Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (see Section 10).

7.3 Special Precautions

Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Ventilation & Engineering Controls:

When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

8.2 Respiratory Protection:

No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.

8.3 Eve Protection:

Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to U.S. OSHA 29 CFR §1910.133, Canadian standards, or the European Standard EN166.

8.4 Hand Protection:

If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.

8.5 Body Protection

No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 2.5 MSDS Revision Date: 05/20/2010 9. PHYSICAL & CHEMICAL PROPERTIES 9.1 Density: 0.789 **Boiling Point:** 180 °F 9.3 Melting Point: NE 9.4 Evaporation Rate: NA 9.5 Vapor Pressure: NA 9.6 Molecular Weight: NE 9.7 Appearance & Color: Clear liquid with medicinal alcohol odor. 9.8 Odor Threshold: Solubility: Completely soluble in water. 9.10 pН NA 9.11 Viscosity: NA Other Information: NA 10. STABILITY & REACTIVITY 10.1 Stable under ambient conditions when stored properly (see Section 7, Storage and Handling). 10.2 Hazardous Decomposition Products: If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxide gases (e.g., CO, CO<sub>2</sub>). 10.3 Hazardous Polymerization: May occur, if exposed to extremely high temperatures. This product is incompatible with strong oxidizers (e.g., peroxides, superoxide), strong acids (e.g., hydrochloric or muriatic acids), or strong bases (e.g., lye, potassium hydroxide). 10.5 Incompatible Substances: None known. 11. TOXICOLOGICAL INFORMATION 11.1 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document. 11.2 Acute Toxicity: See Section 2.5 11.3 Chronic Toxicity: See Section 2.6 11.4 Suspected Carcinogen: This product contains Isopropyl Alcohol, which is not carcinogenic to humans, but is listed as a Group 3 carcinogen by the IARC. 11.5 Reproductive Toxicity: This product is not reported to cause reproductive toxicity in humans. This product is not reported to produce mutagenic effects in humans. This product is not reported to produce embryotoxic effects in humans. Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. 11.6 Irritancy of Product: See Section 2.3 11.7 Blological Exposure Indices: NE 11.8 Physiclan Recommendations: Treat symptomatically.

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards MSDS Revision: 2.5 MSDS Revision Date: 05/20/2010 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: The components of this product will slowly degrade over time Into a variety of organic compounds. Specific environmental data available for the components of this product are as follows: Isopropyl Alcohol: Log Kow = 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half-life in water is 5.4 days. Isopropyl alcohol is not expected to bioconcentrate. 12.2 Effects on Plants & Animals: There are no specific data available for this product. Effects on Aquatic Life: There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life. 13. DISPOSAL CONSIDERATIONS 13.1 Waste Disposal: Waste disposal must be in accordance with appropriate Federal, state, and local regulations. 13.2 Special Considerations: U.S. EPA WASTE NUMBER: D001 (characteristic - ignitable) 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 49 CFR (GND): DISJUMER COMMODITY CONSUMER COMMODITY, ORM-D (≤ 1.0 L) UN1219, ISOPROPANOL, 3, II (> 1.0 L) ORM-D CONSUMER COMMODITY, 9, ID8000 (≤ 0.5 L) UN1219, ISOPROPANOL, 3, II (> 0.5 L) UN1219, ISOPROPANOL, 3, II, LTD QTY (≤ 1.0 L) UN1219, ISOPROPANOL, 3, II (> 1.0 L) TDGR (Canadian GND): 14.4 MARK PACKAGE "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (≤ 1.0 L) UN1219, ISOPROPANOL, 3, II (> 1.0 L) 14.5 ADR/RID (FU): UN1219, ISOPROPANOL, 3, II, ADR, LTD QTY ( $\leq 1.0 \text{ L}$ ) 14.6 UN1219, ISOPROPANOL, 3, II, CANTIDAD LIMITADA (≤ 1.0 L) 14.7 ADGR (AUS): UN1219, ISOPROPANOL, 3, II 15. REGULATORY INFORMATION

| 15.1 | SARA Reporting Requirements:  |
|------|---|
|      | This material contains 2-Propanol (Isopropanol), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 |
|      | CFR Part 373.   |
| 15.2 | SARA Threshold Planning Quantity:   |
|      | There are no specific Threshold Planning Quantitles for the components of this product.   |
| 15.3 | TSCA Inventory Status:  |
|      | The components of this product are listed on the TSCA Inventory.  |

15.4 CERCLA Reportable Quantity (RQ):

15.5 Other Federal Requirements:

This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).

<u>Clean Water Act:</u> None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

<u>Clean Air Act</u>: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors.
This material does not contain any Class 2 Ozone depletors.

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### 15. REGULATORY INFORMATION- continued

15.6 Other Canadian Regulations:

> This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. Class B2 Flammable Liquid.



15.7 State Regulatory Information:

Ingredients in this mixture on found on the following state criteria lists:

California OSHA Hazardous Substances List Isopropanol Massachusetts Hazardous Substances List Isopropanol Minnesota Hazardous Substances List Isopropanol New Jersey Right to Know Hazardous Substances List Isopropanol Pennsylvania Hazardous Substances List Isopropanol Washington Permissible Exposure Limits for Air Contaminants Isopropanol California Prop 65:

California No Significant Risk Level: None of the chemicals in this product are listed.

67/548/EEC (European Union) Requirements:

The primary component of this product is listed in Annex I of EU Directive 67/548/EEC:

Isopropanol: Flammable (F). R: 11-36-67 - Highly flammable. Irritating to eyes. Vapors may cause drowsiness and dizziness. S: 2-7-16-24/25/26 – Keep out of the reach of children. Keep container tightly closed. Avoid contact with skin and eyes, In case of contact with eyes, rinse Immediately with plenty of water and seek medical advice.





HAZCHEM CODE: 2YE

Poison Schedule: None Allocated

## 16. OTHER INFORMATION

Other Information:

HIGHLY FLAMMABLE! Keep away from heat or flame. Use only as directed. Avoid eye contact. If contact occurs, flush eye thoroughly with running water. Use only in a well-ventilated area. If redness or other signs of adverse reaction occur, discontinue use immediately. Keep container closed. Store in a cool place. KEEP OUT OF REACH OF CHILDREN.

16.2 Terms & Definitions:

Please see last page of this MSDS.

This Material Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910,1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & OPI Products' knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

16.4 Prepared for:

OPI Products, Inc. 13034 Saticoy Street No. Hollywood, CA 91605 USA +1 (818) 759-2400 phone +1 (818) 759-5770 fax http://www.opi.com/

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Prepared by:

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Training & Consulting

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## **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a MSDS. Some of these that are commonly used include the following:

#### GENERAL INFORMATION:

| CACAL Character Alexandr  |                    |
|---------------------------|--------------------|
| CAS NO.   Chemical Abstra | act Service Number |

### **EXPOSURE LIMITS IN AIR:**

| ACGIH American Conference on Governmental Industrial Hyg                           |  |
|--|--|
| TLV Threshold Limit Value  OSHA U.S. Occupational Safety and Health Administration |  |
|  |  |
| IDLH   | Immediately Danaerous to Life and Health |

#### FIRST AID MEASURES:

| CPR | Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide |
|-----|--|
|     | whose heart has stopped receives manual chest  |
|     | compressions and breathing to circulate blood and provide  |
|     | oxygen to the body.  |

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

| 0 | Minimal Hazard    |  |
|---|-------------------|--|
| 1 | 1 Slight Hazard   |  |
| 2 | 2 Moderate Hazard |  |
| 3 | 3 Severe Hazard   |  |
| 4 | Extreme Hazard    |  |



#### PERSONAL PROTECTION RATINGS:

| A      | 8        |   |  |
|--------|----------|---|--|
| В      | 8        |   |  |
| С      | 8        | 4 |  |
|        |          |   |  |
| D      |          | ~ |  |
| D<br>E | <b>⊕</b> |   |  |











Dust & Vapor

**Full Face** 

Respirator

**Dust Respirator** 9

Airline Hood/Mask or SCBA

Respirator

Note: the dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.

### OTHER STANDARD ABBREVIATIONS:

| NA   | Not Available                      |  |
|------|------------------------------------|--|
| NR   | No Results                         |  |
| NE   | Not Established                    |  |
| ND   | Not Determined                     |  |
| ML   | Maximum Limit                      |  |
| SCBA | Self-Contained Breathing Apparatus |  |

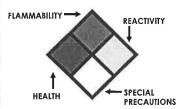
#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### FLAMMABILITY LIMITS IN AIR:

| Autoignition | Minimum temperature required to initiate combustion        |
|--------------|--|
| Temperature  | in air with no other source of ignition                    |
| LEL          | Lower Explosive Limit - lowest percent of vapor in air, by |
|              | volume, that will explode or ignite in the presence of     |
|              | an ignition source   |
| UEL          | Upper Explosive Limit - highest percent of vapor in air,   |
|              | by volume, that will explode or ignite in the presence of  |
|              | an ignition source   |

#### **HAZARD RATINGS:**

| 0               | Minimal Hazard  |
|-----------------|-----------------|
| 1               | Slight Hazard   |
| 2               | Moderate Hazard |
| 3               | Severe Hazard   |
| 4               | Extreme Hazard  |
| ACD             | Acidic          |
| ALK             | Alkaline        |
| COR             | Corrosive       |
| <del>-W</del> - | Use No Water    |
| OX              | Oxidizer        |



### TOXICOLOGICAL INFORMATION:

| LD <sub>50</sub>     | Lethal Dose (solids & liquids) which kills 50% of the exposed animals s |  |
|----------------------|---|--|
| LC <sub>50</sub>     | Lethal concentration (gases) which kills 50% of the exposed animal      |  |
| ppm                  | Concentration expressed in parts of material per million parts          |  |
| TDto                 | Lowest dose to cause a symptom  |  |
| TCLo                 | Lowest concentration to cause a symptom                                 |  |
| TDio, LDio, & LDo or | Lowest dose (or concentration) to cause lethal or                       |  |
| TC, TCo, LClo, & LCo | toxic effects   |  |
| IARC                 | International Agency for Research on Cancer                             |  |
| NTP                  | National Toxicology Program   |  |
| RTECS                | Registry of Toxic Effects of Chemical Substances                        |  |
| BCF                  | Bioconcentration Factor   |  |
| TLm                  | Median threshold limit  |  |
| log Kow or log Koc   | Coefficient of Oil/Water Distribution                                   |  |
|                      |   |  |

#### **REGULATORY INFORMATION:**

| WHMIS Canadian Workplace Hazardous Material Information Syste |  |
|---|--|
| DOT U.S. Department of Transportation                         |  |
| TC Transport Canada   |  |
| EPA U.S. Environmental Protection Agency                      |  |
| DSL Canadian Domestic Substance List                          |  |
| NDSL Canadian Non-Domestic Substance List                     |  |
| PSL Canadian Priority Substances List                         |  |
| TSCA U.S. Toxic Substance Control Act                         |  |
| EU European Union (European Union Directive 67/548/EEC)       |  |

#### EC INFORMATION:

| ,         | Will.     | 37        | 1       |           | •     | , .      |         |
|-----------|-----------|-----------|---------|-----------|-------|----------|---------|
| С         | E         | F         | N       | 0         | T+    | XI       | Xn      |
| Corrosive | Explosive | Flammable | Harmful | Oxldizing | Toxic | Irritant | Harmful |