

SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Nu Finish Scratch Doctor

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Automotive Wax (All types but Hard Paste)

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Reed-Union Corporation

Supplier Address 875 North Michigan Avenue
Chicago
IL
60611
US

Supplier Phone Number Phone:3126443200
Fax:3126443577
Contact Phone3126443200

Supplier Email nufinish@nufinish.com

Emergency telephone number

Company Emergency Phone Number 3126443200

2. HAZARDS IDENTIFICATION


Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|------------------------|-------------|
| Germ cell mutagenicity | Category 1B |
| Aspiration toxicity | Category 1 |
| Flammable liquids | Category 3 |



GHS Label elements, including precautionary statements**Emergency Overview**

| | |
|---|------------------------------|
| Signal word | Danger |
| Hazard Statements May cause genetic defects May be fatal if swallowed and enters airways Flammable liquid and vapor | |
|  | |
| Appearance White | Physical State Liquid |
| Odor Petroleum distillates | |

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ ventilating/ lighting/ equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Skin

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting

Fire

In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

6.5% of the mixture consists of ingredient(s) of unknown toxicity

Other information

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

Interactions with Other Chemicals

Use of alcoholic beverages may enhance toxic effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% | Trade Secret |
|---------------------|------------|----------|--------------|
| Stoddard solvent | 8052-41-3 | 10 - 30 | * |
| Calcined flint clay | 66402-68-4 | 5 - 10 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures**General Advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.

Ingestion

Aspiration hazard if swallowed - can enter lungs and cause damage. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Self-protection of the first aider

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects Difficulty in breathing. Coughing and/ or wheezing. Dizziness.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO₂, water spray or regular foam. Use water spray or fog; do not use straight streams.

Unsuitable extinguishing media

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Some may be transported hot.

| | |
|--------------------------|--|
| Uniform Fire Code | Combustible Liquid: II Irritant: Liquid |
|--------------------------|--|

Hazardous Combustion Products

Carbon oxides.

Explosion Data

| | |
|---|-----|
| Sensitivity to Mechanical Impact | No. |
|---|-----|

| | |
|--|------|
| Sensitivity to Static Discharge | Yes. |
|--|------|

Protective equipment and precautions for firefighters

Move containers from fire area if you can do it without risk.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|--|
| Personal Precautions | Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. See section 8 for more information. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. |
|-----------------------------|--|

| | |
|--------------------------|--|
| Other Information | Water spray may reduce vapor; but may not prevent ignition in closed spaces. |
|--------------------------|--|

Environmental Precautions

| | |
|----------------------------------|--|
| Environmental Precautions | Prevent entry into waterways, sewers, basements or confined areas. |
|----------------------------------|--|

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for Containment | A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. |
|--------------------------------|---|

| | |
|--------------------------------|---|
| Methods for cleaning up | Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. |
|--------------------------------|---|

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

Conditions for safe storage, including any incompatibilities

Storage

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Keep out of the reach of children. Store away from other materials. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-----------------------------------|---|---|---|
| Stoddard solvent 8052-41-3 | TWA: 100 ppm | TWA: 500 ppm TWA: 2900 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m ³ | IDLH: 20000 mg/m ³ Ceiling: 1800 mg/m ³ 15 min TWA: 350 mg/m ³ |
| Calcined flint clay 66402-68-4 | STEL: 10 mg/m ³ Zr TWA: 5 mg/m ³ Zr TWA: 0.02 mg/m ³ Mn TWA: 0.1 mg/m ³ Mn | TWA: 5 mg/m ³ Zr (vacated) TWA: 5 mg/m ³ Zr (vacated) STEL: 10 mg/m ³ Zr | IDLH: 25 mg/m ³ Zr TWA: 5 mg/m ³ except Zirconium tetrachloride Zr STEL: 10 mg/m ³ Zr |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

Appropriate engineering controls

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

None required for consumer use. If splashes are likely to occur, wear safety glasses with side-shields.



| | |
|---------------------------------|--|
| Skin and Body Protection | None required for consumer use. If there is a risk of contact: Wear protective gloves and protective clothing. Antistatic boots. |
| Respiratory Protection | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | | | |
|---|--------------------------|-----------------------|--------------------------|
| Physical State | Liquid | Odor | Petroleum distillates |
| Appearance | White | Odor Threshold | No information available |
| Color | No information available | | |
| Property | Values | Remarks | Method |
| pH | UNKNOWN | None known | |
| Melting / freezing point | No data available | None known | |
| Boiling point / boiling range | 100 °C / 212 °F | None known | |
| Flash Point | 42.8 C / 109 F | None known | |
| Evaporation Rate | No data available | None known | |
| Flammability (solid, gas) | No data available | None known | |
| Flammability Limit in Air | | | |
| Upper flammability limit | No data available | | |
| Lower flammability limit | No data available | | |
| Vapor pressure | No data available | None known | |
| Vapor density | No data available | None known | |
| Specific Gravity | No data available | None known | |
| Water Solubility | Soluble in water | None known | |
| Solubility in other solvents | No data available | None known | |
| Partition coefficient: n-octanol/water | No data available | None known | |
| Autoignition temperature | No data available | None known | |
| Decomposition temperature | No data available | None known | |
| Kinematic viscosity | No data available | None known | |
| Dynamic viscosity | No data available | None known | |
| Explosive properties | No data available | | |
| Oxidizing Properties | No data available | | |

Other Information

| | |
|-----------------------------------|-------------------|
| Softening Point | No data available |
| VOC Content (%) | No data available |
| Particle Size | No data available |
| Particle Size Distribution | |

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation

Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.

Eye Contact

Specific test data for the substance or mixture is not available. May cause irritation.

Skin Contact

Repeated exposure may cause skin dryness or cracking.

Ingestion

Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways.

Component Information

No information available

Information on toxicological effects

Symptoms

Difficulty in breathing. Coughing and/ or wheezing. Asthma-like and/ or skin allergy-like symptoms.

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

Sensitization

No information available.

Mutagenic Effects

Contains a known or suspected mutagen.

Carcinogenicity

Contains no ingredient listed as a carcinogen.

Reproductive Toxicity

No information available.



| | |
|---------------------------------|--|
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Chronic Toxicity | No known effect based on information supplied. Contains a known or suspected mutagen. Possible risk of irreversible effects. Aspiration may cause pulmonary edema and pneumonitis. |
| Target Organ Effects | May affect the genetic material in germ cells (sperm and eggs). Respiratory system. Central Nervous System (CNS). Eyes. Kidney. Skin. Liver. Testes. |
| Aspiration Hazard | May be fatal if swallowed and enters airways. |

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document
Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Persistence and Degradability

No information available.

Bioaccumulation

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|-------------------------------|---|
| Disposal methods | This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). |
| Contaminated Packaging | Dispose of contents/containers in accordance with local regulations. |
| US EPA Waste Number | D001 |

California Hazardous Waste Codes 214

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste |
|-----------------------------------|----------------------------|
| Calcined flint clay 66402-68-4 | Toxic soluble Toxic |

14. TRANSPORT INFORMATION



| | |
|--|--|
| <u>DOT</u> | (If shipped in NON BULK packaging by ground transport) NOT REGULATED |
| Proper Shipping Name | NON-REGULATED |
| Hazard Class | N/A |
| Description | NOT REGULATED |
| Emergency Response Guide Number | 128 |
| <u>TDG</u> | |
| UN-No. | UN1993 |
| Proper Shipping Name | FLAMMABLE LIQUID, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| <u>MEX</u> | |
| UN-No. | UN1993 |
| Proper Shipping Name | FLAMMABLE LIQUID, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Description | UN1993, FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES), 3, III |
| <u>ICAO</u> | |
| UN-No. | UN1993 |
| Proper Shipping Name | FLAMMABLE LIQUID, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Description | UN1993, FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES), 3, III |
| <u>IATA</u> | |
| UN-No. | UN1993 |
| Proper Shipping Name | FLAMMABLE LIQUID, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Description | UN1993, FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES), 3, III |
| <u>IMDG/IMO</u> | |
| UN-No. | UN1993 |
| Proper Shipping Name | FLAMMABLE LIQUID, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| EmS-No. | F-E, S-E |
| Description | UN1993, FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES), 3, III, FP 42.8C |
| <u>RID</u> | |
| UN-No. | UN1993 |
| Proper Shipping Name | FLAMMABLE LIQUID, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Description | UN1993, FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES), 3, III |
| <u>ADR</u> | |
| UN-No. | UN1993 |
| Proper Shipping Name | FLAMMABLE LIQUID, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Description | UN1993, FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES), 3, III |
| <u>ADN</u> | |
| UN-No. | UN1993 |

| | |
|-----------------------------|--|
| Proper Shipping Name | FLAMMABLE LIQUID, N.O.S. |
| Hazard Class | 3 |
| Packing Group | III |
| Classification code | F1 |
| Special Provisions | 274, 601, 640E |
| Description | UN1993, FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES), 3, III |
| Hazard Labels | 3 |
| Limited Quantity | LQ7 |
| Ventilation | VE01 |

15. REGULATORY INFORMATION

International Inventories

| | |
|------|--|
| TSCA | Complies |
| DSL | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|----------------------------------|------------|----------|-------------------------------|
| Calcined flint clay - 66402-68-4 | 66402-68-4 | 5 - 10 | 0.1 |

SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire Hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-----------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Calcined flint clay 66402-68-4 | | X | | |

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---------------|------------|---------------|--------------|--------------|----------|
| | | | | | |



| | | | | | |
|-----------------------------------|---|---|---|---|--|
| Stoddard solvent 8052-41-3 | X | X | X | | |
| Calcined flint clay 66402-68-4 | | | X | X | |
| Isopropanolamine 78-96-6 | X | X | X | | |

International Regulations

Mexico

National occupational exposure limits

| Component | Carcinogen Status | Exposure Limits |
|--|-------------------|---|
| Stoddard solvent 8052-41-3 (10 - 30) | | Mexico: TWA 100 ppm Mexico: TWA 523 mg/m ³ Mexico: STEL 200 ppm Mexico: STEL 1050 mg/m ³ |
| Calcined flint clay 66402-68-4 (5 - 10) | | Mexico: TWA 5 mg/m ³ Mexico: TWA 0.2 mg/m ³ Mexico: STEL 10 mg/m ³ |

Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class

B3 - Combustible liquid



16. OTHER INFORMATION

| | | | | |
|-------------|---------------------------|-----------------------|--------------------------|---|
| NFPA | Health Hazards 2 | Flammability 2 | Instability 0 | Physical and Chemical Hazards - Personal Protection X |
| HMIS | Health Hazards * 2 | Flammability 2 | Physical Hazard 0 | |

Chronic Hazard Star Legend * = Chronic Health Hazard

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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

