

Safety Data Sheet

(SDS)

In accordance with GHS Rev. 7 and The OSHA HCS 2012

Section 1 - Chemical Product and Company Identification

1.1 Product Identification:

Product Name: Brush saver
Product Model: /

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Manicure Products.
Use advised against: No data available.

1.3 Details of the Manufacture or supplier

Manufacture: .
Address: .
Telephone: .
Email: .

1.4 Emergency telephone number

Emergency Telephone: .

Section 2 - Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with OSHA Hazard Communication Standards (29 CFR 1910.1200)

Classification: Flammable liquids, category 3, H226
Acute toxicity-oral, category 4, H302
Acute toxicity-inhalation, category 4, H332

2.2 GHS Label elements, including precautionary statements

GHS Labels:

Pictogram(s):



Signal Word:

Warning

Hazard Statement:

H226: Flammable liquid and vapor
H302: Harmful if swallowed
H332: Harmful if inhaled

Precautionary statement(s)

Prevention precautionary statements:

P210: Keep away from heat/sparks/open flames/hot surfaces– No smoking
P233: Keep container tightly closed
P240: Ground/bond container and receiving equipment
P241: Use explosion-proof electrical/ventilating/light equipment
P243: Take precautionary measures against static discharge
P280: Wear protective gloves/protective clothing/eye protection/face protection
P264: Wash hands thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P271: Use only outdoors or in a well-ventilated area

Response Precautionary Statements:

P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing, Rinse skin with water/shower
P370+P378: In case of fire: Use sand, alcohol-resistant foam, dry chemical or carbon dioxide for extinction
P301+P330+P312: IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell
P304+P340+P312: 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

Storage Precautionary Statements:

P403+P235: Store in a well ventilated place, Keep cool

Disposal Precautionary Statements:

P501: Dispose of contents and container in accordance with local/regional/national /international regulations.

2.3 Description of any hazards not otherwise classified

None. See section 11 for more detailed information on health effects and symptoms.

Section 3 - Composition/Information on Ingredient

Substance () Preparation () Article ()

Composition:

Shanghai Fajin Testing Technology Co.,Ltd

Room 1018, V6 Times Business Building, No.16, Xinyuan Road, Anting Town, Jiading District, Shanghai
Tel:+86-021-69580886, Fax:+86-021-69580886 E-mail:624160814@qq.com, website: www.m-sds.com

Chemical name	CAS No.	Content (%)
NITROETHANE	79-24-3	10-90
GAMMA-BUTYROLACTONE	110-19-0	2-10
PIGMENT	-	0.1-1

Note: CAS No. is Chemical Abstract Service Registry Number.

Section 4 - First Aid Measures

4.1 Description of first aid measures:

- Inhalation:** No need for first aid is anticipated under normal usage (single exposure of small amount). If necessary, move person into fresh air.
- Skin Contact:** No need for first aid is anticipated. Wash off with water or torn off after dried.
- Eye Contact:** IF IN EYES: Rinse cautiously with water or normal saline for several minutes. Get medical attention if eye irritation develops or persists.
- Ingestion:** IF SWALLOWED: rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If symptoms occur obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in section 2 and section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

Section 5 -Extinguishing media

5.1 Extinguishing media

Suitable extinguishing media: Water spray, Dry chemical, carbon dioxide or alcohol-resistant foam.

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter or spread fire.

5.2 Special hazards arising from the substance or mixture

Liquid and vapor are flammable. Vapour is heavier than air and can travel considerable distance to a source ignition and flashback. Vapours may form explosive mixture with air. Containers may explode when heated. Gives off irritating fumes (or gases) and combustion product (Carbon oxides, Nitrogen oxides, etc.) in a fire.

5.3 Advice for firefighters

Evacuate personnel to safe areas. As in any fire, Wear self-contained breathing apparatus and full protective gear for

firefighting. Fire fighting from a safe distance.

5.4 Further information

According to the standard chemical firefighting measures. Use water fog to cool down unopened container involved in fire. Prevent fire extinguishing water from contaminating surface water or the ground water source.

Section 6 - Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

6.1 Personal precautions, protective equipment and emergency procedures:

Ventilate area. Remove all sources of ignition. Avoid direct contact with spillage. Avoid inhaling vapor. Use suitable personal protective equipment.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up:

Small Spill: Absorb with towel or other inert adsorption material.

Large Spill: Stop leak if without risk. Contain spillage, And then collect with an electrically protected vacuum cleaner or by wet-brushing and place in closed container. Absorb residue with dry earth, sand or other non-combustible material.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

The usual precautionary measures for handling chemicals should be followed.

Use according identified usage in well-ventilated condition

Minimize skin contact. Keep out of reach of children..

Keep away from heat/sparks/open flames/hot surfaces. Protect from rain and direct sunlight.

Keep container tightly closed when not in-use.

For more precautions see section 2.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed. Store in a cool, dry and well-ventilated area away from incompatible substances. Keep away from sources of ignition, overheat and direct sunlight. Keep out of the reach of children.

Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limits:

Substance	CAS No.	OSHA PEL	NIOSH REL	ACGIH
NITROETHANE	79-24-3	TWA:100 ppm; 310 mg/m ³	TWA:100 ppm	TWA:100 ppm
GAMMA-BUTYROLACTONE	110-19-0	TWA:150 ppm; 700 mg/m ³	TWA:150 ppm	TWA:150 ppm

8.2 Exposure controls

Engineering Control: Use in well ventilated condition. Normal measures for preventive fire protection.

Personal protective equipment:

Respiratory Protection: Normally none is required when adequate ventilation is provided. Wear suitable respiratory protective equipment in emergency.

Eyes Protection: No special requirements with normal consumer use. In production, wear suitable eye protection equipment.

Body Protection: No special requirements with normal consumer use. In production, wear suitable protective suit against chemicals.

Hands Protection: No special requirements with normal consumer use. Minimize skin contact. In production, Handle with chemical- resistant gloves.

Other Protections: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Liquid
Color	Light yellow
Odor	Odorless.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	31°C-Nitroethane.
Evaporation rate	Not available.
Flammability	Flammable.
Upper explosive limit %(V/V)	Not available.
Lower explosive limit %(V/V)	3.4%(V)-Nitroethane.

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Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	Not available.
Ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

Section 10 - Stability and Reactivity

10.1 Stability: Stable under normal storage temperature and pressure.

10.2 Conditions to Avoid: Keep away from open flames, hot surfaces, and sources of ignition.

10.3 Incompatible materials: Strong oxidizing agents.

10.4 Hazardous Decomposition Products: Other decomposition products- no data available. In the event of fire:see section 5.

10.5 Possibility of hazardous reactions: None hazardous reactions known under normal condition.

Section 11 - Toxicological Information

Acute Toxicity:

Substance	CAS No.	LD50 oral - rat	LC50 inhalation - rat	LDLo skin - rabbit
NITROETHANE	79-24-3	1100mg/kg	LCLo: 13000ppm/6H	-
GAMMA-BUTYROLACTONE	110-19-0	13400mg/kg	LCLo: 8000ppm/4H	> 17400mg/kg

Skin Corrosion/Irritation:

Based on available data, the classification criteria are not met.

Serious Eye Damage/Eye Irritation:

Based on available data, the classification criteria are not met.

Respiratory or Skin Sensitization

Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity:

None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/548/EEC).

Reproductive Toxicity:

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single

No known human health effects upon single exposure.

Exposure (Globally Harmonized System):

Specific Target Organ Toxicity - Repeated

No known human health effects upon repeated exposure.

Exposure (Globally Harmonized System):

Aspiration Hazard:	Based on available data, the classification criteria are not met.
Potential Health Effects:	
Inhalation:	Harmful if inhaled. May cause drowsiness or dizziness.
Skin Contact:	May cause slight irritation.
Eye Contact:	May cause slight irritation.
Ingestion:	Harmful if ingested.

Section 12 - Ecological Information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No ecological considerations under normal usage. Normal dilution into the sewer, sewage purification system is expected to be harmless to the ecological environment. Do not allow undiluted large amount of materials to release to drains or water body without the permission of government.

Section 13 - Disposal Considerations

Waste treatment methods

Product

As in big quantity, Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

Contaminated packaging

Containers may still present chemical hazard when empty. Return to supplier for recycling if possible.

Section 14 - Transport Information

14.1 UN Number:

ADR/RID, IMDG, IATA 1993

14.2 UN proper shipping name:

ADR/RID, IMDG, IATA FLAMMABLE LIQUID, N.O.S.

14.3 Transport hazard class(es):

ADR/RID, IMDG, IATA 3

14.4 Packing group:

ADR/RID, IMDG, IATA III

14.5 Environmental hazards: Marine pollutants: No.

14.6 Special precautions for user: No information available.

Section 15 - Regulatory Information

EU Regulations

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Flammable liquids, category 3, H226

Acute toxicity-oral, category 4, H302

Acute toxicity-inhalation, category 4, H332

US Regulations

USA SARA

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components (Specific toxic chemical listings)

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazardous Categorization

Acute Health Hazard Yes

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Section 16 - Additional Information

HMIS Rating

Health hazard: 1
Flammability: 3
Physical Hazard 0



NFPA Rating

Health hazard: 1
Fire Hazard: 3
Reactivity Hazard: 0

HEALTH	1
FIRE	3
REACTIVITY	0
PPE	<input type="checkbox"/>

Abbreviations:

- pH- Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline
- OSHA- Occupational Safety and Health Administration
- NTP- National Toxicology Program
- IARC- International Agency for Research on Cancer
- CAS#- Chemical Abstract Service number - used to uniquely identify chemical compounds
- ACGIH- The American Conference of Governmental Industrial Hygienists
- ADR- Agreement on Dangerous Goods by Road
- IATA - International Air Transport Association
- IMDG- International Maritime Dangerous Goods

Further Information:

-This safety data sheet was prepared in accordance with UN GHS Rev.7, OSHA HCS (29 CFR 1910.1200) and The EU CLP REGULATION (EC) No 1272/2008.

-The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Department Issuing SDS: .

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