



RAINBOW TECHNOLOGY CORPORATION
Specialists in Utility Chemicals & Safety Items

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Woman-Owned Business Enterprise - Founded 1971

Safety Data Sheet (SDS)

SECTION 1: Identification

Product Name:..... Pole Setting Foam - Part A
Product No.:..... 79701, 79702, 79703, 79705, 79706, 79707, 79709, 79710
Manufacturer:..... Rainbow Technology Corporation 1-800-637-6047
Contact:..... Larry Joe Steeley, Jr.
Emergency Phone No. (24 Hrs.): **CHEM-TEL 1-800-255-3924**

SDS Issue Date:..... 2/19/2025
SDS Replaces Date:..... 7/30/2019

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Acute toxicity, inhalation, Cat. 4
- Carcinogenicity, Cat. 2
- Sensitization, respiratory, Cat. 1
- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1
- Specific target organ toxicity (repeated exposure), Cat. 2
- Specific target organ toxicity (single exposure), Cat. 3

2.2 GHS label elements, including precautionary statements

Pictogram



Safety Data Sheet (SDS)

Signal word

Danger

Hazard statement(s)

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash hands and exposed skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	In case of inadequate ventilation wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of water
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER/doctor if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 Other hazards which do not result in classification

No data available

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Components

Component	Concentration
Polymeric diphenylmethane diisocyanate (CAS no.: 9016-87-9)	60 - 100 % (weight)
CLASSIFICATIONS: Acute toxicity, inhalation, Cat. 4; Skin corrosion/irritation, Cat. 2; Serious eye damage/eye irritation, Cat. 2; Sensitization, skin, Cat. 1; Sensitization, respiratory, Cat. 1; Specific target organ toxicity (single exposure), Cat. 3; Carcinogenicity, Cat. 2.	
4,4'-DIPHENYLMETHANE DIISOCYANATE (CAS no.: 101-68-8)	30 - 60 % (weight)
CLASSIFICATIONS: Acute toxicity, inhalation, Cat. 4; Skin corrosion/irritation, Cat. 2; Serious eye damage/eye irritation, Cat. 2; Sensitization, skin, Cat. 1; Sensitization, respiratory, Cat. 1; Specific target organ toxicity (single exposure), Cat. 3; Specific target organ toxicity (repeated exposure), Cat. 2; Carcinogenicity, Cat. 2.	

Safety Data Sheet (SDS)

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Call a poison center/doctor or transport to a medical facility.
In case of skin contact	Rinse with water for at least 15 minutes. Call a doctor if irritation develops or persists.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention without delay.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Personal protective equipment for first-aid responders

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Do not use direct water stream.

5.2 Specific hazards arising from the chemical

Combustion products may include and are not limited to: Nitrogen oxides, Isocyanates, Hydrogen cyanide, Carbon monoxide, Carbon dioxide.

Material reacts slowly with water, releasing carbon dioxide which can cause pressure buildup and rupture of closed containers.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary. Avoid contact with this material during firefighting operations. If contact is likely, change to full chemical resistant firefighting clothing with self-contained breathing apparatus.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Safety Data Sheet (SDS)

Use personal protective equipment as described in Section 8. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Evacuate personnel to safe areas. Spilled material may cause a slipping hazard.

6.2 Environmental precautions

Do not let concentrated product enter drains.

6.3 Methods and materials for containment and cleaning up

Contain spilled material if possible. Soak up with inert absorbent material and dispose of in accordance with local and national regulations. Keep in suitable containers for disposal. Do not place in sealed containers. Material reacts slowly with water, releasing carbon dioxide which can cause pressure buildup and rupture of sealed containers. Wash the spill site with large quantities of water. Attempt to neutralize by adding suitable decontaminant solution.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Use personal protective equipment as described in Section 8. For precautions see section 2.2. Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Protect from atmospheric moisture. Do not store product contaminated with water to prevent potential hazardous reaction.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Methylene bisphenyl isocyanate (MDI) (CAS: 101-68-8)

PEL-C: 0.02 ppm (0.2 mg/m³) (OSHA)

REL-TWA: 0.005 ppm (0.05 mg/m³) (NIOSH)

REL-C: 0.020 ppm (0.2 mg/m³) [10 minutes] (NIOSH)

TLV®-TWA: 0.005 ppm [1985] (ACGIH®)

PEL-TWA: 0.005 ppm (0.051 mg/m³) (Cal/OSHA)

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Safety glasses. If splash hazard, wear faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Ensure that eyewash stations and/or safety showers are close to the workstation location if working with concentrated product.

Safety Data Sheet (SDS)

Skin protection

Wear protective gloves (rubber, chemical resistant). Consult manufacturer specifications for further information.

Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Brown liquid
Odor	Slight
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	245 °C
Flash point	>150 °C (closed cup)
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.23
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	200 mPa.s at 25 °C
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Isocyanates are reactive, the rate of reactions increases with temperature as well as increased contact; these reactions can become violent. Reaction with water will generate carbon dioxide.

Safety Data Sheet (SDS)

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

Exposure to elevated temperatures can cause product to decompose and generate gas. This can cause pressure build-up and/or rupturing of closed containers. Polymerization can be catalyzed by strong bases and water.

10.4 Conditions to avoid

Avoid exposure to elevated temperature and incompatible materials. Avoid exposure to moisture.

10.5 Incompatible materials

Acids, Alcohols, Amines, Water, Ammonia, Bases, Metal compounds, Strong oxidizers. Avoid contact with metals such as: Aluminum, Zinc, Brass, Tin, Copper, Galvanized metals.

10.6 Hazardous decomposition products

Nitrogen oxides, Isocyanates, Hydrogen cyanide, Carbon monoxide, Carbon dioxide.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Harmful if inhaled. At room temperature, vapors are minimal due to low volatility. Excessive exposure may cause irritation to upper respiratory tract (nose and throat) and lungs. May cause pulmonary edema. Effects may be delayed. Decreased lung function has been associated with overexposure to isocyanates.

Components:

Polymeric diphenylmethane diisocyanate (CAS no.: 9016-87-9):

LD50 Oral - Rat - >49000 mg/kg

LD50 Dermal – Rabbit - >9400 mg/kg

LD50 Inhalation - Rat - 490mg/m³/4H

Skin corrosion/irritation

Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

Serious eye damage/irritation

Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Respiratory or skin sensitization

May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

No data available.

Carcinogenicity

Lung tumors have been observed in laboratory animals exposed to respirable aerosol droplets of MDI/Polymeric MDI. Tumors occurred concurrently with respiratory irritation and lung injury.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Safety Data Sheet (SDS)

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure. Tissue injury in the upper respiratory tract and lungs has been observed in laboratory animals after repeated excessive exposures to MDI/polymeric MDI aerosols.

Aspiration hazard

No data available.

Additional information

No data available.

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not regulated for shipping when shipped in quantities <8333 lb (based on maximum concentration of 4,4'-DIPHENYLMETHANE DIISOCYANATE with CERCLA RQ = 5000 lb)

Safety Data Sheet (SDS)

Proper Shipping Name: Other regulated substances, liquid, n.o.s. (4,4'-DIPHENYLMETHANE DIISOCYANATE)
Hazard Class: 9
Identification Number: NA3082
Label codes: 9
Packing Group: III
ERG Number: 171



IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Massachusetts Right To Know Components

4,4'-DIPHENYLMETHANE DIISOCYANATE (CAS no.: 101-68-8)

New Jersey Right To Know Components

Polymeric diphenylmethane diisocyanate (CAS no.: 9016-87-9)

4,4'-DIPHENYLMETHANE DIISOCYANATE (CAS no.: 101-68-8)

Pennsylvania Right To Know Components

4,4'-DIPHENYLMETHANE DIISOCYANATE (CAS no.: 101-68-8)

CERCLA

4,4'-DIPHENYLMETHANE DIISOCYANATE (CAS no.: 101-68-8) (RQ = 5000 lb)

SARA 302 Components

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

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

SARA 313 Components

Polymeric diphenylmethane diisocyanate (CAS no.: 9016-87-9)

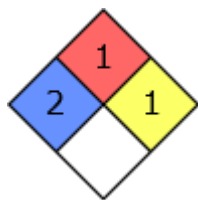
4,4'-DIPHENYLMETHANE DIISOCYANATE (CAS no.: 101-68-8)

HMIS Rating

Isocyanate	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	

NFPA Rating

Safety Data Sheet (SDS)



SECTION 16: Other information

16.1 Further information/disclaimer

Date of issue: 2/19/2025

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. All materials may present unknown hazards and should be used with caution. In no event shall we be held liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if we have been advised of the possibility of such damages.

Safety Data Sheet (SDS)

SECTION 1: Identification

Product Name: Pole Setting Foam - Part B
Product No.: 79701, 79702, 79703, 79705, 79706, 79707, 79709, 79710
Manufacturer: Rainbow Technology Corporation 1-800-637-6047
Contact: Larry Joe Steeley, Jr.
Emergency Phone No. (24 Hrs.): **CHEM-TEL 1-800-255-3924**

SDS Issue Date: 2/19/2025
SDS Replaces Date: 9/20/2024

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1
- Toxic to reproduction, Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Safety Data Sheet (SDS)

Hazard statement(s)

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H360	May damage fertility or the unborn child

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing mist/vapors/spray.
P264	Wash hands and exposed skin thoroughly after handling.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338+P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 Other hazards which do not result in classification

Exposure to this product may aggravate pre-existing eye, skin, or respiratory conditions

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Components*

Component	Concentration
Cashew Nutshell Liquid Copolymer (CAS no.: 1462343-28-7)	10 - 30 % (weight)
Cashew Nutshell Liquid Acetate (CAS no.: 125229-69-8)	5 - 10 % (weight)
Cashew Nutshell Liquid (CAS no.: 8007-24-7)	<1.0 % (weight)
1,2-Dimethylimidazole (CAS no.: 1739-84-0)	<0.5 % (weight)
Ethane-1,2-diol (CAS no.: 107-21-1)	<0.5 % (weight)

*The specific chemical identities and/or actual concentrations for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

Safety Data Sheet (SDS)

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention.
In case of skin contact	Wash with plenty of water. Call a poison center or doctor if irritation or rash develops or persists. Take off contaminated clothing and wash it before reuse.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

If inhaled	May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat pain.
In case of skin contact	Causes skin irritation. May cause an allergic skin reaction. Signs/symptoms may include localized redness, swelling, itching, rash, and hives.
In case of eye contact	Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
If swallowed	May cause gastrointestinal irritation and other adverse effects. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Chronic symptoms	May damage fertility or the unborn child.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Hazardous combustion products: Carbon oxides, nitrogen oxides, and other hazardous fumes and gases.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

Safety Data Sheet (SDS)

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as described in Section 8. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Do not release into the environment. Stop spill/release if it can be done safely.

6.3 Methods and materials for containment and cleaning up

Contain spilled material if possible. Keep away from sources of ignition. Soak up with inert absorbent material and dispose of in accordance with local and national regulations. Keep in suitable containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Keep away from sources of ignition. Use personal protective equipment as described in Section 8. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Ethane-1,2-diol (CAS no.: 107-21-1)

TLV-TWA: 25 ppm (vapor fraction) (ACGIH)

TLV-STEL: 50 ppm (vapor fraction), 10 mg/m³ (inhalable particulate matter, aerosol only) (ACGIH)

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits. Ensure that eyewash stations and/or safety showers are close to the workstation location.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Safety glasses. If splash hazard, wear faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Safety Data Sheet (SDS)

Skin protection

Wear protective gloves. Consult manufacturer specifications for further information.

Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Red amber liquid.
Odor	Slight amine odor.
Odor threshold	No data available.
pH	>7
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.0 - 1.1
Density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Safety Data Sheet (SDS)

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

10.5 Incompatible materials

Strong oxidizing agents, strong acids, strong bases.

10.6 Hazardous decomposition products

Hazardous combustion products: Carbon oxides, nitrogen oxides, and other hazardous fumes and gases.

SECTION 11: Toxicological information

Information on toxicological effects

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation.

If inhaled	May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, nose and throat pain.
In case of skin contact	Causes skin irritation. May cause an allergic skin reaction. Signs/symptoms may include localized redness, swelling, itching, rash, and hives.
In case of eye contact	Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
If swallowed	May cause gastrointestinal irritation and other adverse effects. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Chronic symptoms	May damage fertility or the unborn child.

Acute toxicity

Based on available data, classification criteria are not met

Components:

Cashew Nutshell Liquid (CAS no.: 8007-24-7)

LD50 (oral) - rat - >1000 mg/kg

LD50 (skin) - rat - >2000 mg/kg

Ethane-1,2-diol (CAS no.: 107-21-1)

LD50 (oral) - rat - 4700 mg/kg

LD50 (skin) - rabbit - 9.53 mL/kg

LC50 (inhalation) - rat - > 2.5 mg/L- 6 h

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Safety Data Sheet (SDS)

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

May damage fertility or the unborn child.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Additional information

No data available.

SECTION 12: Ecological information

Toxicity

No data available on product.

Persistence and degradability

No data available on product.

Bioaccumulative potential

No data available on product.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Safety Data Sheet (SDS)

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

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

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

SARA 313 Components

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.

HMIS Rating

HEALTH	3*
FLAMMABILITY	1
PHYSICAL HAZARD	0

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

Date of issue: 2/19/2025

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. All materials may present unknown hazards and should be used with caution. In no event shall we be held liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if we have been advised of the possibility of such damages.