

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name **TRIPLE BLEND**

Product use **Cured Plastisol Ink & Stain Remover**

Date of issue

12/31/14

Supersedes 10/22/13



6690 Jones Mill Court • Bldgs. A, B & C
Norcross, GA 30092 USA
Phone 770-441-5900 • Fax 770-409-7259
Toll Free 800-241-7708
Website: www.american-niagara.com
Contact: mike@american-niagara.com (or)
scott@american-niagara.com

Emergency Telephone Numbers

For MSDS Information:

Compliance Services 1-800-241-7708

For Emergency - 24 HOUR

CHEMTREC 800-424-9300

Prepared By

AMERICAN NIAGARA

Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

DANGER !



NON-FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED.
HARMFUL IF INHALED.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Inhalation.

Eyes

Causes eye irritation. Liquid in eye may cause irritation with possible damage if not rinsed immediately.

Skin

Causes skin irritation. Harmful if absorbed through the skin. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation

DO NOT breathe vapors or spray mist. Harmful if inhaled. Over-exposure by inhalation may cause respiratory irritation. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Severe over-exposure can result in death. Can cause central nervous system (CNS) depression.

Ingestion

HARMFUL OR FATAL IF SWALLOWED. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Repeated or prolonged exposure to the substance can produce target organs damage. Overexposure of this product by inhalation or absorption can produce central nervous system depression resulting in headache, nausea and/or dizziness. Contains material which may cause damage to the following organs: blood, kidneys, lungs, liver, peripheral nervous system, gastrointestinal tract, central nervous system (CNS).
Defatting to the skin.

Carcinogenicity

Contains material which can cause cancer. Risk of cancer depends on duration and level of exposure.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

CAS number

% by Weight

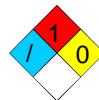
| | | |
|---|------------|-------|
| LIGHT ALIPHATIC NAPHTHA; solvent naphtha (petroleum), medium aliphatics; formerly: light aromatic naphtha | 64742-88-7 | /□*□1 |
| TETRACHLOROETHYLENE; perchloroethylene; perc; carbon bichloride | 127-18-4 | 15-20 |
| METHYLENE CHLORIDE; dichloromethane; methylene dichloride | 75-09-2 | 60-80 |

Section 4. First Aid Measures

| | |
|---------------------|---|
| Eye Contact | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately. |
| Skin Contact | Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops. |
| Inhalation | Move exposed person to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately. |
| Ingestion | Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately. |

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



| | |
|-------------------------|--|
| Flash Point | None to Boiling point. Closed cup: 76.66°C (170°F). (Tagliabue.) |
| Flammable Limits | Lower: 1% Upper: 15% |
| Flammability | KLKB |
| Fire hazard | NON-FLAMMABLE |

| | |
|---------------------------------|--|
| Fire-Fighting Procedures | Use dry chemical, CO ₂ , water spray (fog) or foam. Do not release runoff from fire to sewers or waterways. |
|---------------------------------|--|

Section 6. Accidental Release Measures

| | |
|-----------------------|---|
| Spill Clean up | Eliminate all ignition sources. Put on appropriate personal protective equipment (see section 8). Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
|-----------------------|---|

Section 7. Handling and Storage

| | |
|-----------------|---|
| Handling | Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wash thoroughly after handling. Empty containers retain product residue and can be hazardous. Do not reuse container. Observe label precautions. |
| Storage | Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. |

Section 8. Exposure Controls/Personal Protection**Product name**

LIGHT ALIPHATIC NAPHTHA; solvent naphtha (petroleum), medium aliphatics; formerly: light aromatic naphtha

Exposure limits

ACGIH TLV (United States).

STEL: 200 ppm 8 hour(s).

OSHA PEL (United States).

TWA: 500 ppm 8 hour(s).

ACGIH TLV (United States).

TWA: 100 ppm 8 hour(s).

TETRACHLOROETHYLENE; perchloroethylene; perc; carbon bichloride

ACGIH TLV (United States).

TWA: 25 ppm 8 hour(s).

STEL: 100 ppm 15 minute(s).

OSHA PEL (United States).

TWA: 100 ppm 8 hour(s).

CEIL: 200 ppm

METHYLENE CHLORIDE; dichloromethane; methylene dichloride

OSHA PEL (United States).

TWA: 25 ppm 8 hour(s). Form: Vapor

OSHA (United States).

STEL: 125 ppm 15 minute(s). Form: Vapor

Personal Protective Equipment (PPE)

| | |
|-------------|---|
| Eyes | Use safety goggles. |
| Body | Wear appropriate protective clothing to prevent skin contact. Recommended: Viton gloves. Wear apron or coverall if there is a risk of exposure to splashes. |



Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate.

Section 9. Physical and Chemical Properties

| | | | |
|-------------------------|---|-------------------------|----------------------------------|
| Physical State | Thin liquid | Color | Clear. |
| pH | Not applicable | Odor | Sweetish. Solvent-like. [Strong] |
| Boiling Point | 38.9°C (102°F) | Vapor Pressure | 12 kPa (90 mm Hg) |
| Specific Gravity | 1.04 | Vapor Density | >1 [Air = 1] |
| Solubility | Insoluble in the following materials: cold water and hot water. | Evaporation Rate | >1 (Butyl acetate. = 1) |
| | | VOC (Consumer) | 45.6% 4.0 lbs/gal |

Section 10. Stability and Reactivity

| | |
|---|---|
| Stability and Reactivity | The product is stable. |
| Incompatibility | Reactive or incompatible with the following materials: oxidizing materials, metals and alkalis. |
| Hazardous Polymerization | Will not occur. |
| Hazardous Decomposition Products | Emits very toxic fumes when heated to decomposition. Phosgene gas. Hydrogen chloride (HCl). |

Section 11. Toxicological Information

Acute Toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|-------------------------|-------------|---------|-------------|----------|
| Tetrachloroethylene | LD50 Dermal | Rabbit | 10000 mg/kg | - |
| | LD50 Oral | Rat | 2629 mg/kg | - |
| Methylene Chloride | LD50 Oral | Rat | 2136 mg/kg | - |

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

| Product/ingredient name | Test | Result | Species | Exposure |
|-------------------------|------|---------------------|------------------|----------|
| Tetrachloroethylene | - | Acute LC50 13 mg/L | Fish - Bluegill. | 4 hours |
| Methylene Chloride | - | Acute LC50 244 mg/L | Daphnia | 4 hours |


Section 13. Disposal Considerations

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: D039
Classification: - [Hazardous waste.]
Origin: - [RCRA waste.]

Section 14. Transport Information

| Regulatory information | UN number | Proper shipping name | Classes | PG* | Label |
|---------------------------|-----------------|--|---------|-----|---|
| DOT Classification | 1897 | RQ Tetrachloroethylene (Keep away from food, drink and animal feeding stuffs.) | 6.1 | III |  |
| IMDG Class | Not determined. | | | | |

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

Product name

Tetrachloroethylene
Methylene Chloride

Clean Water Act (CWA) 307: Tetrachloroethylene

Clean Water Act (CWA) 311: Methylene Chloride

Clean Air Act (CAA) 112 regulated toxic substances: Tetrachloroethylene; Methylene Chloride

[All Components of this product are listed or exempt from listing on TSCA Inventory.](#)

State Regulations**California Prop 65**

WARNING: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.:
Tetrachloroethylene; Methylene Chloride

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.