

# MATERIAL SAFETY DATA SHEET



## BELIEVE PLUS ONE STEP TRAFFIC FILM REMOVER

| HMIS        |   | NFPA | Personal protective equipment |
|-------------|---|------|-------------------------------|
| Health      | 2 | 2    |                               |
| Fire Hazard | 0 | 0    |                               |
| Reactivity  | 0 | 0    |                               |

Version Number: 2

Preparation date: 2005-06-23

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** BELIEVE PLUS ONE STEP TRAFFIC FILM REMOVER

**MSDS #:** 114466001

**Product code:** 04469, 4462, 44563, 44564,

**Recommended use:** Vehicle Cleaner.

**Manufacturer, importer, supplier:**

|                                                                                                                                                                             |                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| US Headquarters<br>JohnsonDiversey, Inc.<br>8310 16th St.<br>Sturtevant, Wisconsin 53177-0902<br>Phone: 1-888-352-2249<br>MSDS Internet Address:<br>www.johnsondiversey.com | Canadian Headquarters<br>JohnsonDiversey - Canada, Inc.<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>Phone: 1-800-668-3131 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|

**Emergency telephone number:** 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

WARNING. CAUSES EYE AND SKIN IRRITATION.

**Principle routes of exposure:** Skin contact. Eye contact. Inhalation.

**Skin contact:** Moderately irritating to the skin.

**Eye contact:** Severe eye irritation.

**Inhalation:** May be irritating to nose, throat, and respiratory tract. Use only in well-ventilated areas . Persons with pre-existing respiratory conditions should be particularly careful about possible respiratory effects .

**Ingestion:** May be irritating to mouth, throat and stomach.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS

| Ingredient            | CAS #     | Weight % | LD50 Oral        | LD50 Dermal   | LC50 Inhalation |
|-----------------------|-----------|----------|------------------|---------------|-----------------|
| Sodium metasilicate   | 6834-92-0 | 1 - 5%   | 1153 mg/kg (rat) | Not available | Not available   |
| Trisodium salt of NTA | 5064-31-3 | 1 - 5%   | 1100 mg/kg (rat) | Not available | Not available   |

### 4. FIRST AID MEASURES

**Eye contact:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.

**Skin contact:** Flush immediately with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention.

**Ingestion:** Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects .

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Dry chemical, water spray, foam, carbon dioxide.

**Specific hazards:** None known.

**Unusual hazards:** None known

**Specific methods:** No special methods required

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Extinguishing media which must not be used for safety reasons:** No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).  
**Environmental precautions and clean-up methods:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

**Handling:**  
Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Avoid breathing vapors or mists. Use only with adequate ventilation. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**  
Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing . Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**  
Use only in well-ventilated areas . General room ventilation plus local exhaust should be used to minimize exposure to vapors . DO NOT use in steam vapor cleaning equipment.

### Personal Protective Equipment

**Eye protection:** Safety glasses with side-shields.  
**Hand protection:** Chemical resistant gloves. Includes. neoprene gloves. rubber gloves.  
**Skin and body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** No special requirements under normal use conditions. In case of insufficient ventilation wear suitable respiratory equipment.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                 |                          |                                   |                          |
|-------------------------------------------------|--------------------------|-----------------------------------|--------------------------|
| <b>Physical State:</b>                          | Liquid                   | <b>Appearance:</b>                | Liquid                   |
| <b>Color:</b>                                   | Orange                   | <b>Boiling point/range:</b>       | Not determined           |
| <b>Odor:</b>                                    | Odorless                 | <b>Melting point/range:</b>       | Not determined           |
| <b>Specific gravity:</b>                        | 1.04                     | <b>pH:</b>                        | 12.8 - 13.0              |
| <b>Dilution pH:</b>                             | No information available | <b>Density:</b>                   | 1.04                     |
| <b>Bulk density:</b>                            | No information available | <b>Decomposition temperature:</b> | Not determined           |
| <b>Vapor density:</b>                           | No information available | <b>Autoignition temperature:</b>  | No information available |
| <b>Evaporation rate:</b>                        | No information available | <b>Solubility:</b>                | Soluble                  |
| <b>Solubility in other solvents:</b>            | No information available | <b>VOC:</b>                       | 0.0                      |
| <b>Viscosity:</b>                               | No information available | <b>Flash point:</b>               | >200 (°F) >93.3 (°C)     |
| <b>Partition coefficient (n-octanol/water):</b> | No information available |                                   |                          |

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerisation does not occur  
**Hazardous decomposition products:** None reasonably foreseeable  
**Materials to avoid:** Acids.  
**Conditions to avoid:** Do not freeze.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**  
**Component Information:** Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg. See Section 3

**Chronic toxicity:** Based upon ingestion of NTA in lifetime feeding studies, NTA has been shown to induce tumors in the urinary tracts of rats and mice. However, on a practical basis and according to guidelines for classification of experimental animal carcinogens of the American Council of Governmental Industrial Hygienists (ACGIH), NTA would not be considered an occupational carcinogen of any practical significance. .

**Specific effects**  
**Carcinogenic effects:** None known  
**Mutagenic effects:** None known  
**Reproductive toxicity:** None known  
**Target organ effects:** None known

**HAZARDOUS COMPONENTS**

| Ingredient            | CAS #     | NTP | IARC   | OSHA |
|-----------------------|-----------|-----|--------|------|
| Trisodium salt of NTA | 5064-31-3 |     | listed |      |

**12. ECOLOGICAL INFORMATION**

**Environmental Information:** When used for its intended purpose this product should not cause adverse effects in the environment

**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products:**

Dispose of according to all federal, state and local applicable regulations

**14. TRANSPORT INFORMATION**

**DOT/TDG:** Please refer to the Bill of Lading/receiving documents for up to date shipping information

**15. REGULATORY INFORMATION****International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL), Australia (AICS), Philippines (PICCS), China (IECSC).

**U.S. Regulations**

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

**STATE RIGHT TO KNOW**

| Ingredient                   | CAS #      | MARTK: | NJRTK: | PARTK: | RIRTK: | ILRTK: | CTRTK: |
|------------------------------|------------|--------|--------|--------|--------|--------|--------|
| Quaternary ammonium compound | 68071-95-4 | -      | -      | -      | -      | -      | -      |
| Alcohol ethoxylates          | 68439-46-3 | -      | -      | -      | -      | -      | -      |
| Sodium metasilicate          | 6834-92-0  | -      | -      | -      | -      | -      | -      |
| Trisodium salt of NTA        | 5064-31-3  | Listed | -      | -      | -      | -      | -      |
| Water                        | 7732-18-5  | -      | -      | -      | -      | -      | -      |

**CERCLA / SARA**

None

**CAA HAP/CAA ODS/CWA Priority Pollutants:** None

**Canada**

**WHMIS hazard class:** D2B Toxic materials .



| Ingredient            | CAS #     | NPRI   |
|-----------------------|-----------|--------|
| Trisodium salt of NTA | 5064-31-3 | Listed |

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

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