

# SAFETY DATA SHEET – TarGo® Dry

## 1. Identification

**1.1 Product Identifier:** TarGo Dry

**1.2 Recommended Use of the Chemical and Restrictions on Use:** Removes oil based stains from textiles. For industrial/institutional use only. Do not use at home. Keep out of reach of children.

**1.3 Details of the Supplier of the Safety Data Sheet:**

A. L. Wilson Chemical Co., PO Box 207, Kearny, NJ 07032, USA

Telephone: 201-997-3300

E-mail: SDS@ALWilson.com

**1.4 Emergency Telephone Number:**

Chemtrec: 800-424-9300 or 703-527-3887

## 2. Hazards Identification

**2.1 Classification of the Substance or Mixture:**

Flammable Liquid and Vapor – Category 3

Carcinogenicity – Category 1

Skin Irritant – Category 2

Eye Irritant – Category 2

Ingestion – Category 4

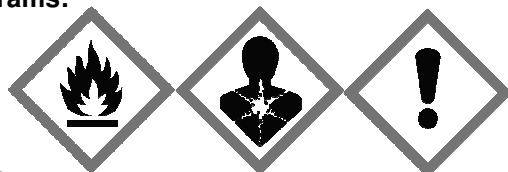
Inhalation – Category 4

Specific Target Organ Toxicity – Single Exposure – Narcotic Effects – Category 3

**2.2 Label Elements:**

**Contains:** Ethanol 2-(2-butoxyethoxy) [112-34-5], Methyl Isoamyl Ketone [110-12-3], Trichloroethylene [79-01-6], Nonylphenol Ethoxylate [9016-45-9].

**Hazard Pictograms:**



**Signal Word:** Danger

**Hazard Statements:**

H226: Flammable liquid and vapor.

H302+H332: Harmful if swallowed or inhaled.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H350: May cause cancer.

**Precautionary Statements:**

**Prevention:**

P102: Keep out of reach of children.

P201: Obtain special instructions before use.

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P261: Avoid breathing vapors.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P308+P313: If exposed or concerned: Get medical advice/attention.

P301+P330+P331+P321: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

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P303+P361+P353+P363: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position 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.

## Storage:

P234: Keep only in original container.

P405: Store locked up.

## Disposal Considerations:

P501: Dispose of contents/container to hazardous or special waste collection point and in accordance to applicable regulations.

## 2.3 Other:

Ensure all equipment (including Personal Protective Equipment) is compatible with all product components. See section 8 for exposure limits.

## 3. Composition/Information on Ingredients

Name	CAS No.	Content
Ethanol 2-(2-butoxyethoxy)	112-34-5	30% ≤ C ≤ 50%
Trichloroethylene	79-01-6	15% ≤ C ≤ 25%
Methyl Isoamyl Ketone [5-methylhexan-2-one]	110-12-3	5% ≤ C ≤ 15%
Nonylphenol Ethoxylate	9016-45-9	1% ≤ C < 10%

## 4. First Aid Measures

### 4.1 Description of Necessary First Aid Measures:

**General Information:** If exposed or concerned: Get medical advice/attention.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Skin Contact:** Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

### 4.2 Most Important Symptoms/Effects, both Acute and Delayed:

**Ingestion:** May cause headache, nausea, vomiting, breathing difficulty, weakness if swallowed.

**Eye Contact:** Liquid can be severely irritating to eyes.

**4.3 Indication of Immediate Medical Attention and Special Treatment Needed:** See section 4.1.

## 5. Fire-fighting Measures

**5.1 Suitable Extinguishing Media:** Use water, Carbon Dioxide “CO<sub>2</sub>”, dry chemical or foam.

**5.2 Specific Hazards Arising from the Substance or Mixture:** Fire creates toxic gases/vapors/fumes of Hydrogen Chloride (corrosive), Carbon Monoxide, and Phosgene (toxic) in small amounts.

**5.3 Special Protective Action for Fire-fighters:** Use appropriate Personal Protective Equipment when fighting chemical fires. Ensure all equipment (including Personal Protective Equipment) is compatible with all product components.

**Additional Information:** Use water spray to cool nearby containers exposed to fire.

## 6. Accidental Release Measures

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**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:** Cordon off spill area. Wear protective gloves/protective clothing/eye protection/face protection. Ensure all equipment (including Personal Protective Equipment) is compatible with all product components. Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

**6.2 Environmental Precautions:** Avoid release to the environment. Dispose of contents/container to hazardous or special waste collection point and in accordance to applicable regulations.

**6.3 Methods and Materials for Containment and Cleaning Up:** Use a universal absorbent material to collect waste and dispose to collection point and in accordance to applicable regulations.

## 7. Handling and Storage

**7.1 Precautions for Safe Handling:** Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid breathing vapors. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Ensure all equipment (including Personal Protective Equipment) is compatible with all product components.

### 7.2 Conditions for Safe Storage, Including any Incompatibles:

**Storage Class:** Flammable.

Store only in original container. Safely lock container in a cool and well ventilated place away from ignition sources. Keep container sealed when not in use.

**Packaging Material:** Brown glass.

**Unsuitable Packaging Material:** Any plastic container or clear glass container.

## 8. Exposure Controls / Personal Protection

### 8.1 Control Parameters:

Exposure Limits Values

Name	Air Concentration USA ACGIH TLV (ppm)	Air Concentration USA OSHA TWA (mg/m <sup>3</sup> )
5-methylhexan-2-one	50	
Ethanol 2-(2-butoxyethoxy)	35*	
Trichloroethylene		100
*Reported by supplier.		

### 8.2 Exposure Controls:

**Engineering Measures:** Work in a well ventilated area or under a ventilation hood.

### 8.3 Individual Protection Measures, such as Personal Protective Equipment:

Ensure all equipment (including Personal Protective Equipment) is compatible with all product components.

**Eye Protection:** Wear closed safety glasses or chemical splash goggles.

**Skin Protection:** Wear protective clothing and protective apron.

**Respiratory Protection:** Wear mask approved for organic vapors and solvents.

**Hand Protection:** Wear protective gloves. Gloves must be inspected prior to use. Replace if worn or damaged. Do not reuse.

**Hygiene Measures:** Wash thoroughly after handling. Do not smoke, eat or drink in work area.

## 9. Physical and Chemical Properties

**Appearance:** Light Yellow to Amber Solution.

**Odor:** Slightly Sweet Odor.

**Odor Threshold:** Not Determined.

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**pH:** Not Applicable.

**Melting Point/Freezing Point (°C):** Not Determined.

**Initial Boiling Point/Boiling Point Range (°C):** 90 – 120.

**Flash Point (°C):** ≥ 46.67 (116°F).

**Evaporation Rate:** Not Determined.

**Flammability (solid, gas):** Not Determined.

**Upper/Lower Flammability or Explosive Limits:** Not Determined.

**Vapor Pressure:** Not Determined.

**Vapor Density:** Not Determined.

**Relative Density (Water = 1):** 1.06 at 20°C.

**Solubility:** Highly soluble in water and Perc.

**Partition Coefficient: n-Octanol/Water:** Not Determined.

**Auto-ignition Temperature:** Not Determined.

**Viscosity:** Not Determined.

**Explosive Properties:** Not Applicable.

**Oxidizing Properties:** Not Applicable.

## 10. Stability and Reactivity

**10.1 Reactivity:** No information available.

**10.2 Chemical Stability:** Stable if used according to specifications.

**10.3 Possibility of Hazardous Reactions:** No information available.

**10.4 Conditions to Avoid:** Avoid contact with heat, sparks and flame.

**10.5 Incompatible Materials:** No information available.

**10.6 Hazardous Decomposition Products:** In case of fire: Combustion liberates Hydrogen Chloride, Carbon Monoxide, and Phosgene in small amounts.

## 11. Toxicological Information

**Acute Toxicity:** Data Not Available for Mixture.

Toxicological Information on Ingredients:		Acute Toxicity		
Name	CAS No.	Oral LD50 (Rat - mg/Kg)	Inhalation LC50 (Rat – 4H – ppm)	Dermal LD50 (Rabbit – mg/Kg)
Ethanol 2-(2-butoxyethoxy)	112-34-5	5660	-	2700
5-methylhexan-2-one	110-12-3	3700	2542	8120
Trichloroethylene	79-01-6	4920	8450	20000
Nonylphenol Ethoxylate	9016-45-9	3310	-	>2000

**Skin Corrosion/Irritation:** Causes skin irritation. Prolonged or repeated contact can result in de-fatting and drying of skin, and dermatitis.

**Serious Eye Damage/Eye Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** No information available.

**Germ Cell Mutagenicity:** No information available.

**Carcinogenicity:** Suspected to cause cancer (Presumed carcinogenic to humans).

**Reproductive Toxicity:** No information available.

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**Specific Target Organ Toxicity – Single Exposure:** Narcotic effects.

**Specific Target Organ Toxicity – Repeated Exposure:** No information available.

**Aspiration Hazard:** No information available.

**Inhalation:** Exposure to high concentrations may cause irritation or dryness of the respiratory system, dizziness, drowsiness and loss of consciousness.

**Subchronic/Chronic Toxicity:** No information available.

## 12. Ecological Information

### 12.1 Ecotoxicity:

**Aquatic Toxicity:** Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

**12.2 Persistence and Degradability:** Expected to moderately biodegrade.

**12.3 Bioaccumulative Potential:** No information available.

**12.4 Mobility in Soil:** Accidental spillage may lead to penetration in the soil and groundwater.

**12.5 Results of PBT and vPvB Assessment:** This product contains PBT substances.

**12.6 Other Adverse Effects:** No data available.

## 13. Disposal Considerations

### 13.1 Disposal Methods:

**Product (Any Residual Waste/Unused Product):** Dispose of any residual product waste or unused product to hazardous or special waste collection point and in accordance to applicable regulations. Avoid release to the environment.

**Packaging (Glass):** After use, close empty bottle, and dispose of to hazardous or special waste collection point and in accordance to applicable regulations.

## 14. Transport Information

Domestic Ground Transport Only (no aircraft or vessel): Ltd Qty

Export Transport Only: Flashpoint 116 °F (46.67 °C)

**14.1 UN-Number:** UN1992

**14.2 UN Proper Shipping Name:** Flammable Liquids, Toxic, N.O.S. (contains Methyl Isoamyl Ketone / Trichloroethylene)

**14.3 Transport hazard class(es):** 3 (6.1)

**14.4 Packing group:** PG III

**14.5 Environmental Hazard(s):** Marine Pollutant: No

**14.6 Special Precaution to User:** See section 7.

**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not Applicable.

## 15. Regulatory Information

### 15.1 Safety Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

#### U.S. Regulations:

Inventory Status: All components are on TSCA.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

SARA (311/312) Hazard Categories: Acute/Chronic.

SARA 313: This product contains the following SARA 313 Toxic Release Chemicals.

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Chemical Name	CAS Number	Concentration
Trichloroethylene	79-01-6	15% ≤ C ≤ 25%
Ethanol 2-(2-butoxyethoxy)	112-34-5	30% ≤ C ≤ 50%
*Subject to SARATitle III Section 313 and 40 CFR 372 – (Glycol Ethers).		

### 16. Further Information

#### Abbreviations and Acronyms:

ACGIH = American Conference of Governmental Industrial Hygienists.

C = Concentration (weight percent).

DOT = Department of Transportation (United States).

IMDG = International Maritime Dangerous Goods Code.

IARC = International Agency for Research on Cancer.

OSHA = Occupational Safety & Health Administration.

PBT = Persistent, Bioaccumulative and Toxic Substances.

ppm = parts per million.

OELV = Occupational Exposure Limits Values.

TLV = Threshold Limit Values.

TSCA = Toxic Substance Control Act.

TWA = Time-Weighted Average.

vPvB = very Persistent and very Bioaccumulative Substances.

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