

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

<b>COMPANY NAME:</b>	AMERICAN INDUSTRIES, INC.	<b>PRODUCT NAME:</b>	TERP
<b>ADDRESS LINE 1:</b>	4300 Kahn Drive, Box 1405	<b>PRODUCT CODE:</b>	2321
<b>ADDRESS LINE 2:</b>	Lumberton, NC 28359-1405 USA	<b>PRODUCT USE:</b>	Premium Citrus Solvent
<b>TELEPHONE NUMBERS:</b>	800-753-5153 (or) 910-738-7224	<b>SDS FILE ID:</b>	2321.06
<b>EMERGENCY PHONE:</b>	<b>CHEMTREC 1-800-424-9300</b>	<b>SDS DATE:</b>	2022-07-11
		<b>REPLACES VERSION DATED:</b>	2015-06-01 <i>and all prior versions</i>

## SECTION 2: HAZARDS IDENTIFICATION

GHS Classification  
Flammable Aerosol Category 1 (H222)  
Skin Sens. Category 1 (H317)  
Skin Corrosion/Irritation Category 2 (H315)  
Aspiration Hazard Category 1 (H304)

### Label elements



Signal word DANGER

Hazard statements  
Extremely flammable aerosol.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.

Precautionary statements  
Keep away from heat/sparks/open flames/hot sources -No Smoking.  
Do not spray on an open flame or other ignition source  
Pressurized container – Do not pierce or burn, even after use.  
Wash hands thoroughly after handling  
Avoid breathing gas  
Contaminated work clothing must not be allowed out of the workplace  
Wear protective gloves  
Do not induce vomiting.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
If on SKIN: Wash with plenty of water  
If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.  
If INHALED: Move to fresh air, give oxygen or artificial respiration if necessary. If symptoms persists, call a physician.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
Store locked up.  
Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C).  
Dispose of contents/content to comply with all local, state, and federal regulations.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>% / Classification</u>
D-limonene (technical grade)	94266-47-4	60-80% Flam Liq 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
Propane	74-98-6	10-20% Flam. Gas 1, H220 Compressed gas, H280

Butane	106-97-8	2.5-10%	Flam. Gas 1, H220 Compressed gas, H280
Alcohol Ethoxylate	68439-46-3	1-2.5%	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
UNDECETH-5	34398-01-1	1-2.5%	Acute Tox 4 (Oral), H302 Eye Dam. 1, H318
Alcohols, C12-13, Ethoxylated	66455-14-9	0.1-1%	Skin Irrit. 2, H315 Eye Dam. 1, H318

#### SECTION 4: FIRST AID MEASURES

Inhalation	If breathing is difficult, 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.
Skin contact	Take off immediately all contaminated clothing and wash it before reuse. Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and each to do. Continue rinsing. If eye irritation persists: Get medical attention.
Ingestion	Do NOT induce vomiting. Immediately call a poison center or doctor/physician. Rinse mouth with water.
Acute and delayed symptoms	If you feel unwell, seek medical advice. Causes skin irritation. May cause allergic skin reaction. Repeated exposure may cause skin dryness or cracking. Direct contact with the eyes is likely irritating. May be fatal if swallowed and enters airways. Risk of aspiration pneumonia. Nausea. Cramps/uncontrolled muscular contractions. Diarrhea.
Immediate or Special Treatment Needed	Treat symptomatically. Keep watching victim. Symptoms may be delayed.

#### SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Foam, carbon dioxide, dry chemical powder, water fog.
Unsuitable extinguishing media	Do not use a water jet since it may cause the fire to spread.
Fire Hazard	May liberate toxic gases. Extremely flammable aerosol.
Explosion hazard	Contains gas under pressure; may explode if heated.
Reactivity	Upon combustion: CO and CO2 are formed.
Firefighting instructions	Exercise caution when fighting any chemical fire. In case of fire: Evacuate area. Fight fire remotely due to risk of explosion. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
Protection during firefighting.	Do not enter fire area without proper protective equipment, including respiratory protection.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

General measures	No flames, No sparks. Eliminate all sources of ignition. Isolate from fire, if possible, without necessary risk. Vapors may travel long distances along ground before igniting/flashing back to vapor source.
Non-emergency personnel - protective equipment	Protective goggles, gloves, protective clothing.
Non-emergency personnel - emergency procedures	Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
Emergency responders – protective equipment	Equip cleanup crew with proper protection.
Emergency responders – emergency procedures	Stop leak if safe to do so. Stop release. Ventilate area.
Environmental precautions	Avoid release to the environment. Prevent entry to sewers and public waters.
Methods and materials for containment and clean up	Contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way and as per local legislation.

#### SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	-Pressurized container. Do not pierce or burn, even after use. Do not use if spray button is missing or defective. -Comply with the legal requirements. Do not handle until all safety precautions have been read and
-------------------------------	--

understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin or on clothing. Handle and open the container with care. Keep away from sources of ignition – No Smoking. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not cut, weld, solder, drill, grind, or expose containers to heat, flames, sparks, or other sources of ignition. Do not spray on a naked flame or any incandescent material. Ground/bond container and receiving equipment. Use only outdoors or in a well-ventilated area. Do not re-use empty containers.

-Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

-Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. Do not puncture, incinerate, or crush.

-Store locked up and use in cool, dry, well-ventilated areas.

-Oxidizing agents, strong acids.

-Sources of ignition. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 122°F (50°C).

-Store away from heat. Store in cool area. Store in a dry area. Store in a well-ventilated place. Keep locked up. Aerosol 3.

-Keep only in original container. Meet the legal requirements.

Conditions for safe storage, including any incompatibilities

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Component

Propane	ACGIH	ACGIH TWA (ppm)	1000 ppm
74-98-6	OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
butane	ACGIH	ACGIH TWA (ppm)	1000 ppm
106-97-8	ACGIH	ACGIH STEL (ppm)	1000 ppm

Appropriate engineering controls Ensure adequate ventilation, especially in confined areas. If exposure limits have not been established, maintain airborne levels to acceptable level. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection Gloves

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplies respirator.

Personal protective equipment Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves, safety glasses, protective goggles protective clothing.

Skin and body protection Avoid contact with skin. Wear suitable protective clothing.

Eye protection Avoid contact with eyes. Wear eye/face protection.

Thermal hazard protection Use appropriate personal protective equipment when risk assessment indicates this is necessary.

Consumer exposure controls When using, do not smoke. Keep away from food and drink. Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eat, drink, or smoke and when leaving work. Take off contaminated clothing and wash before reuse.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State Gas

Form Aerosol

Odor Citrus scent

Odor Threshold Not determined

Flash point -156°F (69°C) Propellant (Estimated)

Density 0.7583 g/ml (Estimated)

Flammability (solid, gas) Not determined

Melting point Not determined

Boiling point 348.8°F (176°C)

Auto-ignition temperature Not determined

pH Not applicable

Solubility Not determined

Vapor density Not determined

Vapor pressure	30 – 45 psig @ 70°F (Estimated)
Viscosity, kinematic	<20 cSt
Viscosity, dynamic	Not determined
VOC content	>90%
Partition coefficient (n-octanol/water)	Not determined.
Explosive limits	Not determined
Decomposition temperature	Not determined
Freezing Point	Not determined

#### SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions. Risk of ignition.
Reactivity	Upon combustion: CO and CO <sub>2</sub> are formed.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use. Hazardous polymerization does not occur.
Conditions to avoid	Heat. Open flame. Sparks. Aerosol containers are unstable at temperatures above 120.2°F (49°C). Avoid temperatures exceeding the flash point.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Incompatible materials	Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### Alcohol Ethoxylate (68439-46-3)

LD50 oral rat	1400 mg/kg Estimated
LD50 dermal rabbit	>5000 mg/kg
ATE CLP (oral)	1400 mg/kg body weight

##### UNDECETH-5 (34398-01-1)

LD50 oral rat	>1400 mg/kg
---------------	-------------

#### SECTION 12: ECOLOGICAL INFORMATION

Persistence and degradability – no additional information available

Bioaccumulative potential – no additional information available

Toxicity:

##### UNDECETH-5 (34398-01-1)

LC50 fish 1	<10 mg/l
EC50 Daphnia 1	<10 mg/l
ErC50 (algae)	<10 mg/l

#### SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose in a safe manner in accordance with local/national regulations. Handle unclean empty containers as full ones. Do not re-use empty containers.
-----------------------	--

#### SECTION 14: TRANSPORT INFORMATION

Transportation document description	UN1950 Aerosols (flammable, (each not exceeding 1 L capacity)), 2.1
UN No. (DOT)	UN1950
Proper shipping name (DOT)	Aerosols Flammable, (each not exceeding 1 L capacity)
Transport hazard class(es) DOT	2.1 – Class 2.1 – Flammable gas 49 CFR 173.115
Hazard labels (DOT)	2.1 – Flammable gas



Marine pollutant



Yes (IMDG only)

DOT Special provisions (49 CFR 172.102) N82

DOT Packaging exceptions (49 CFR 173.XXX) 306

Additional Info: This product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.06

**SECTION 15: REGULATORY INFORMATION**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR 372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Propane (74-98-6) – Not listed on SARA Section 313 (Specific toxic chemical listings)

Butane (106-97-8) – Not listed on SARA Section 313 (Specific toxic chemical listings)

UNDECETH-5 (34398-01-1) – SARA Section 311/313 Hazard Classes: Immediate (acute) health hazard

California Prop 65 – This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

**SECTION 16: OTHER INFORMATION**

Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (Oral) Category 4
Asp Tox 1	Aspiration hazard Category 1
Compressed gas	Gases under pressure. Compressed gas
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam Aerosol 1	Flammable aerosol Category 1
Flam Gas 1	Flammable gases Category 1
Flam Liq 3	Flammable liquids Category 3
Skin Irrit 2	Skin corrosion/irritation Category 2
Skin Sens 1	Skin sensitization Category 1
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H226	Flammable liquid and vapor
H280	Contains gas under pressure; may explode if heated
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation

NFPA health hazard: 2 – Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard: 4 – Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.

NFPA reactivity: 0 – Normally stable, even under fire exposure conditions, and are not reactive with water.

**Important Note:** *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of 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. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

\*\*\*End of SDS\*\*\*