
Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Un-Tack

Synonyms

Adhesive Remover / Solvent

Product Use

Adhesive Remover

Restrictions on Use

For industrial use only.

Manufacturer Information

Carlisle SynTec
1285 Ritner Highway
Carlisle, PA 17013
USA
Phone: +1-800-479-6832
Emergency Phone #: +1-800-424-9300 (CHEMTREC)

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Flammable Liquids - Category 3

Skin Sensitization - Category 1

Aspiration Hazard - Category 1

Specific Target Organ Toxicity (central nervous system) – Category 3

GHS Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statement(s)

Flammable liquid and vapor.

May cause an allergic skin reaction.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Precautionary Statement(s)

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Keep container tightly closed.
Use explosion-proof electrical/ventilating/lighting equipment.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Wear protective gloves and eye/face protection.
Contaminated work clothing must not be allowed out of the workplace.

Response

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse
Do NOT induce vomiting.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Call a POISON CENTER or doctor/physician if you feel unwell.
In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

Storage

Keep cool.
Keep container tightly closed.
Store locked up in a well-ventilated place.

Disposal

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

Other Hazards

No additional information available.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
5989-27-5	D-Limonene	60 - 100 Trade Secret *
64741-65-7	Heavy Alkylate Naphtha	10 - 30 Trade Secret *

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

Section 4 - FIRST AID MEASURES

Description of Necessary Measures

Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

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Skin

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eyes

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

Ingestion

Do not induce vomiting. Get immediate medical attention.

Most Important Symptoms/Effects

Acute

See Section 11.1. Information on toxicological effects.

Delayed

See Section 11.1. Information on toxicological effects.

Note to Physicians

Not applicable.

Section 5 - FIREFIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

In case of fire: Use a firefighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

Unsuitable Extinguishing Media

Not available.

Special Hazards Arising from the Chemical

Closed containers exposed to heat from fire may build pressure and explode

Hazardous Combustion Products

Carbon monoxide, carbon dioxide

Special Protective Equipment and Precautions for Firefighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

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Environmental Precautions

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

Methods and material for containment and cleaning up

Contain spill. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

Conditions for Safe Storage, Including any Incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store away from heat. Store away from acids. Store away from oxidizing agents.

Incompatible Materials

Not available.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Cyclohexene, 1-methyl-4-(1-methylethenyl)-	5989-27-5	
AIHA:	165.5 mg/m ³ (30 ppm) TWA	
Heavy Alkylate Naphtha	64741-65-7	
CMRG:	300 ppm TWA	400 ppm STEL

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Engineering Controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Use explosion-proof ventilation equipment.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

None required.

Skin Protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended: Fluoroelastomer
Nitrile Rubber.

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron – Nitrile.

Respiratory Protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for organic vapors.

For questions about suitability for a specific application, consult with your respirator manufacturer.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid	Physical State	liquid
Odor	citrus	Color	Clear liquid
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	-16.3°F
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	125°F
Lower Explosive Limit	Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	70 mmHg @ 20°C
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	0.72 - 0.76
Water Solubility	negligible	Partition coefficient: n-octanol/water	Not available

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Viscosity	Not available	Solubility (Other)	Not available
Density	0.72 - 0.76 g/ml	VOC	<=840 g/l

Other Information

No additional information available.

Section 10 - STABILITY AND REACTIVITY

Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

Chemical Stability

Stable

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition.

Incompatible Materials

Not determined.

Hazardous decomposition products

None known. Refer to section 5.2 for hazardous decomposition products during combustion.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

May be harmful if inhaled. Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause target organ effects after inhalation.

Skin Contact

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion

Chemical (Aspiration) Pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish colored skin (cyanosis), and may be fatal. Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. May cause target organ effects after ingestion

Target Organ Effects

Single exposure may cause

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness

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Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

D-Limonene

Inhalation LC50 Mouse 3.14 mg/l
Dermal LD50 Rabbit >5000 mg/kg
Ingestion LD50 4400 mg/kg

Heavy Alkylate Naphtha

Inhalation LC50 Rat 9.3 mg/l
Dermal LD50 Rat 3000 mg/kg
Ingestion LD50 Rat 7500 mg/kg

Immediate Effects

May cause mild eye irritation. May cause mild skin irritation. May cause allergic skin reaction.

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity Data

May cause mild eye irritation. May cause mild skin irritation.

Respiratory Sensitization

No data available.

Dermal Sensitization

May cause allergic skin reaction.

Component Carcinogenicity

Some positive data exist, but the data are not sufficient for classification.

Germ Cell Mutagenicity

Not mutagenic.

Reproductive and/or Developmental Toxicity

Not toxic to male reproduction. Some positive female reproductive data exist, but the data are not sufficient for classification. Some positive developmental data exist, but the data are not sufficient for Classification.

Specific Target Organ Toxicity - Single Exposure

Some positive data exist, but the data are not sufficient for classification. May cause drowsiness or Dizziness.

Specific Target Organ Toxicity - Repeated Exposure n

Some positive data exist, but the data are not sufficient for classification.

Aspiration hazard

Aspiration hazard.

Additional Data

No additional information available.

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Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

U.S. EPA 40 CFR 262. Hazardous Waste Number(s): D001. (Ignitable)

Section 14 - TRANSPORT INFORMATION

US DOT Information:

Shipping Name: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S., (DIMETHYL ETHER AND HEAVY ALKYLATE NAPHTHA)

Hazard Class: 2.1

UN/NA #: UN3501

IATA Information:

Shipping Name: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S., (DIMETHYL ETHER AND HEAVY ALKYLATE NAPHTHA)

Hazard Class: 2.1

UN#: UN3501

IMDG Information:

Shipping Name: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S., (DIMETHYL ETHER AND HEAVY ALKYLATE NAPHTHA), MARINE POLLUTANT, (D-LIMONENE)

Hazard Class: 2.1

UN#: UN3501

IMO Information:

Shipping Name: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S., (DIMETHYL ETHER AND HEAVY ALKYLATE NAPHTHA), MARINE POLLUTANT, (D-LIMONENE)

Hazard Class: 2.1

UN#: UN3501

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Section 15 - REGULATORY INFORMATION

US Federal Regulations

Contact manufacturer for more information.

311/312 Hazard Categories

Fire Hazard – Yes Pressure Hazard – No Reactivity Hazard – No Immediate Hazard – Yes Delayed Hazard – No

State Regulations

Contact manufacturer for more information.

Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA.
Contact manufacturer for more information.

International Regulations

Contact manufacturer for more information.

Section 16 - OTHER INFORMATION

NFPA Ratings

Health: 2 Fire: 2 Reactivity: 1

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes

New SDS: December 29, 2016

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

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Other Information

Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.