

DR-62

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: DR-62
SDS Number: DR-62
Revision Date: 6/14/2022
Product Use: NDT Inspection Remover

Supplier Details: Sherwin Inc.
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Emergency telephone number:

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ChemTel +1-813-248-0585 outside U.S.A, Canada, Puerto Rico and US Virgin Islands
ChemTel Brazil: 0-800-591-6042, China: 400-120-0751, India: 000-800-100-4086 and Mexico: 01-800-099-0731

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 2
Health, Aspiration hazard, 1
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

GHS Precautionary Statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground and bond container and receiving equipment.
P242 - Use non-sparking tools.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash ... thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 - IF SWALLOWED: Immediately call a doctor
P302 + P352 - IF ON SKIN: Wash with plenty of water. If irritation persists get medical attention.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370 + P378 - In case of fire: Use fog, foam, dry chemical or carbon dioxide to extinguish.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.



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3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
64741-66-8	70-80%	Naphtha, petroleum, light alkylate
540-84-1	<70%	2,2,4-Trimethylpentane
67-64-1	20-30%	2-Propanone

4 FIRST AID MEASURES

- Inhalation:** Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.
- Skin Contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
Get immediate medical attention.
- Ingestion:** Do NOT induce vomiting or attempt chemical neutralization. Seek immediate medical attention. For spontaneous vomiting, keep head below hips.

5 FIRE FIGHTING MEASURES

- Flash Point:** -8 °C (18°F)
Flash Point Method: ASTM D-56
Autoignition Temp: Not determined
Lower Explosive Limit: Not determined
UEL: Not determined
Suitable extinguishing agents: Alcohol-resistant foam, Water fog, Dry chemical, Carbon dioxide

Special combustion hazards arising from the substance or mixture: Carbon oxides

Protective equipment: Wear self-contained respiratory protective device. Wear fully protective suit

Unsuitable extinguishing media: High volume water jet

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up: Collect liquid in an appropriate container or absorb with an inert material such as vermiculite, dry sand, or earth; DO NOT use combustible materials.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation..Place in a chemical waste container.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing.
Use only with adequate ventilation.
Do not breathe vapors.



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Storage Requirements: Consider normal working hygiene.
Material can accumulate static charges which may cause an electrical spark (ignition source).
Keep away from sources of ignition..

Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully re-sealed and kept upright to prevent leakage.
Containers may be hazardous when empty since residue liquid may be present

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use mechanical (general) ventilation for storage areas to maintain vapor exposure below recommended limits.

Personal Protective Equipment: Chemical resistant gloves;
Chemical safety glasses;
No personal respiratory protective equipment normally required. Where concentrations are above recommended limits, use an organic vapor respirator with dust, mist, and fume filters;
Impervious clothing.

Exposure Limits:

<u>ACGIH TWA</u>		
540-84-1	2,2,4 - Trimethylpentane	300 ppm
67-64-1	Acetone	250 ppm



General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with eyes and skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless	Odor:	Sweet
Physical State:	Liquid	Solubility:	Negligible
Odor Threshold:	Not determined	Flash Point:	-8°C (18°F) [ASTM D-56]
Spec Grav./Density:	0.72	Vapor Density:	Not determined
Viscosity:	0.6 cSts at 37.7°C	Auto-Ignition Temp:	Not determined
Boiling Point:	56°C (133°F) - 99°C (210°F) [ASTM D86]		
Vapor Pressure:	Not determined		
Evaporation Rate:	0.1 (Butyl acetate =1)		

10 STABILITY AND REACTIVITY



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Reactivity: No dangerous reaction under normal use.
Chemical Stability: Product is stable under normal conditions.
Conditions to Avoid: Elevated temperatures, flame, sparks and other ignition sources.
Identification:
Materials to Avoid: Strong Oxidizing Agents.
Hazardous Decomposition: Material does not decompose at ambient temperatures.
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity

64741-68-1 and 540-84-1: Acute dermal toxicity estimate: 2,500 mg/kg

64741-68-1:

Oral: LD50 (Rat, male and female): > 5,000 mg/kg

Inhalation: No data available

Aspiration toxicity

64741-66-8 and 540-84-1: May be fatal if swallowed and enters airways.

Serious eye damage/eye irritation

Irritating to eyes

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

STOT - single exposure

Exposure routes: Inhalation

Target Organs: Central nervous system

Assessment: May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects

Further information

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Concentrations substantially above the TLV value may cause narcotic effects.

Solvents may degrease the skin

12 ECOLOGICAL INFORMATION

Ecotoxicity

Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

64741-66-8/540-84-1:

Toxicity to fish: 96 hour(s) LL50 (Pimephales promelas) 8.2 mg/l/ Oncorhynchus mykiss LC50 0.11 mg/l

Toxicity Daphnia and other aquatic invertebrates EL50 : (Daphnia magna (Water flea)): 10 mg/l/ 0.4 mg/l

Persistence and degradability

Expected to be inherently biodegradable

Bioaccumulative potential



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No data available

Mobility

Highly volatile.

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations
Collect all waste in suitable and labeled containers and dispose according to local legislation.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

14 TRANSPORT INFORMATION

DOT: Proper Shipping Name: UN1993, Flammable liquid, n.o.s. (Acetone, Petroleum Distillate), 3, PG II

IATA: Proper Shipping Name: UN1993, Flammable liquid, n.o.s. (Acetone, Petroleum Distillate), 3, PG II

IMDG: Proper Shipping Name: UN1993, Flammable liquid, n.o.s. (Acetone, Petroleum Distillate), 3, PG II, Marine pollutant (2,2,4 Trimethylpentane)

15 REGULATORY INFORMATION

TSCA All components are on the Inventory list

CERCLA Hazardous Substance List (40 CFR 302.4)

Any calculated RQ exceeds any reasonably attainable limit.

SARA 311/312 Hazard classes

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

Regulatory Code Legend

RQ = Reportable Quantity
IMDS = IMDS Listed
TSCA = Toxic Substances Control Act
CERCLA = Superfund clean up substance
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAWAC = OSHA Workplace Air Contaminants



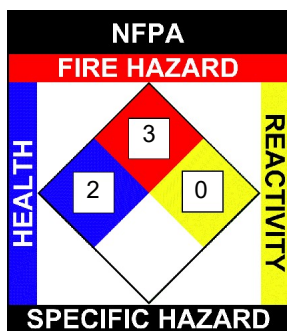
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PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List

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OTHER INFORMATION

NFPA: Health = 2, Fire = 3, Reactivity = 0, Specific Hazard = n/a



This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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