

SAFETY DATA SHEET

TMC-19

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name: TMC-19

Product no.: 2029, 2029-7, 2029-36, 2029-395

Other means of identification: CAS No.: 64742-65-0

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the Vacuum Pumps

substance or mixture: Restricted to professional users.

Uses advised against: None known.

1.3. Details of the supplier of the safety data sheet

Company and address: TMC INDUSTRIES, INC.

1423 MILL LANE

Waconia, Minnesota 55387

United States

T: +1 (800) 772-8179

Contact person: NICK HANSEN

E-mail: SALES@TMCINDUSTRIES.COM

SDS date: 12/13/2023

SDS Version: 2.0

Date of previous version: 12/13/2023 (1.0)

1.4. Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL®

(triage.webpoisoncontrol.org) to get specific guidance for your case

See also section 4 "First aid measures".

Emergency Telephone Number: CHEMTREC 24-HR Emergency USA, Canada, Puerto Rico, US

Virgin Islands (800) 424-9300.

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to HCS (29 CFR 1910.1200)

2.2. Label elements

Hazard pictogram(s): Not applicable. Signal word: Not applicable.

Hazard statement(s):

Precautionary statement(s):

General: -



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

Prevention: -

Response: -

Storage: -

Disposal: -

Additional labelling: Not applicable.

2.3. Other hazards

Additional warnings: This mixture/product does not contain any substances

known to fulfil the criteria for PBT and vPvB classification.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. ▼Substances

Product/substance	Identifiers	% w/w	Classification	Note
Distillates (petroleum), solvent-dewaxed heavy paraffinic	CAS No.: 64742-65-0	100%	1, HHNOC066	

3.2. Mixtures

Not applicable. This product is a substance.

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information: If breathing is irregular, drowsiness, loss of consciousness

or cramps: Call 911 and give immediate treatment (first

aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an

unconscious person water or other drink.

Inhalation: In case of discomfort: bring the person into fresh air.

Skin contact: Upon irritation: rinse with water. In the event of continued

irritation, seek medical assistance.

Eye contact: If in eyes: Flush eyes with plenty of water or salt water (20-

30 °C) and continue until irritation stops. Remove contact

lenses.

Ingestion: Rinse and flush mouth thoroughly and consume large

quantities of water. In case of continued discomfort: seek

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medical assistance and bring this safety data sheet.

Burns: Not applicable.

4.2. Most important symptoms and effects, both acute and delayed None known.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) in order to obtain further advice.

Fire fighters should wear appropriate personal protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area. See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

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Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

Recommended storage material: Always store in containers of the same material as the

original container.

Liquid class: Combustible Liquid / Class IIIB (NFPA 30)

Storage temperature: Dry, cool and well ventilated

Keep container tightly closed

Incompatible materials: Keep Away from heat, sparks and open flame

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No substances are listed with a permissible exposure limit (ref: 29 CFR 1910.1000 TABLE Z-1)

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations: Smoking, drinking and consumption of food is not allowed

in the work area.

Exposure scenarios: There are no exposure scenarios implemented for this

product.

Exposure limits: Occupational exposure limits have not been defined for

the substances in this product.

Appropriate technical measures: Apply standard precautions during use of the product.

Avoid inhalation of vapours.

Hygiene measures: Wash hands after use.

Measures to avoid environmental

exposure:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally: Use only protective equipment with a recognized

certification mark, e.g. the UL mark.

Respiratory Equipment:
No specific requirements

Skin protection:

No specific requirements.

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	Chemical Resistant gloves				
If in contact with forearms	Gauntlet style gloves				

Eye protection:

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Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

Туре	Standards	
Face shield	EN166	
Safety glasses	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: Light Yellow

Odour: Mild

Odour threshold (ppm): No data available pH: Not applicable

Density (q/cm³): Testing not relevant or not possible due to the nature of

the product.

Kinematic viscosity: 59 centistokes (104 °F)

Phase changes

Melting point (°F): No data available

Softening point/range (waxes and

pastes) (°F):

Does not apply to liquids.

Boiling point (°F): 740-990 Boiling point (°C): 393-532

Vapour pressure: 1X10-5 Torr (77 °F) Relative vapour density: No data available Decomposition temperature (°F): No data available Evaporation rate (n-butylacetate = No data available

100):

Data on fire and explosion hazards

Flash point (°F): 455 Flash point (°C): 235

Flammability (°F): Testing not relevant or not possible due to the nature of

the product.

>600 *Auto-ignition temperature (°F): Auto-ignition temperature (°C):* >315

Explosion limits (% v/v): No data available

Solubility

No data available Solubility in water: *n-octanol/water coefficient (LogKow):* No data available

Solubility in fat (q/L): Testing not relevant or not possible due to the nature of

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the product.

9.2. Other information

Evaporation rate (n-butylacetate =

100):

No data available

Other physical and chemical

parameters:

No data available.

Molecular Weight (g/mol): 511

Oxidizing properties: Testing not relevant or not possible due to the nature of

the product.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Keep in properly labeled containers Comply with laws.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

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Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.



STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Long term effects

None known.

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

None of the components are listed

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

		14.2 UN proper shipping name	14.3 Hazard class(es)			Other information:
DOT	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

^{*} Packing group

^{**} Environmental hazards



Additional information

Not dangerous goods according to DOT, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. U.S. Federal regulations

TSCA (the non-confidential portion): Distillates (petroleum), solvent-dewaxed heavy paraffinic is

listed

Clean Air Act:

None of the components are listed

EPCRA Section 302:

None of the components are listed

State regulations

California / Prop. 65:

Massachusetts / Right To Know Act:

None of the components are listed

15.4. Restrictions for application

Restricted to professional users.

15.5. Demands for specific education

No specific requirements.

15.6. Additional information

Not applicable.

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: OTHER INFORMATION

▼ Full text of H-phrases as mentioned in section 3

HHNOC066, Repeated exposure may cause skin dryness or cracking.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms



ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

In accordance with HCS (29 CFR 1910.1200(g)), a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

▼ The safety data sheet is validated by

Jared Lampe

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.





Country-language: US-en