

Centre Testing International Group

SDS

Report No.: A2200452189101001

Company Name ZHE

shown on Report: ELECTRICAL APPLIANCE CO, LTD

Address: #339

TECHNICAL DEVELOONE, WENZHOU

ZHEJIANG CHINA

Sample Name: No. 15 food grade white oil

Gu Cuili Chen Laimm Reviewed by:

Approved by:

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No. R435551991



Safety Data Sheet

No. 15 food grade white oil

Version: V2.0.0.1

Report No.: A2200452189101001 Creation Date: 2020/12/23 Revision Date: 2020/12/23

*Prepared according to EU regulation No. 2015/830

1 Identification of the substance/mixture and of the company/undertaking

Pro	duct	der	itifier
			Dro

Product Name No. 15 food grade white oil 8042-47-5
EC No. 232-455-8
Molecular Formula N/A

REACH Registration

Number

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

Relevant identified uses The cutter head is lubricated.

Uses advised against None.

| Details of the supplier of the Safety Data Sheet

Name of the company
Address of the company
Fost code
Fax number
E-mail address

ZHEJ
Rectrical Appliance Co, LTD
Poveloone, Wenzhou Zhejiang
P

| Emergency telephone number

Emergency telephone number 0577-88422855
Opening hours 24h

2 Hazards identification

|CLP classification according to Regulation (EC) No. 1272/2008

According to Regulation (EC) No 1272/2008 and its amendments. Not classified as a dangerous substance.

| GHS Label elements

Hazard pictograms Not applicable
Signal word Not applicable

| Hazard statements



Hazard statements | Not applicable

| Precautionary statements

Prevention

Prevention | Not applicable

◆ Response

Response | Not applicable

Storage

Not applicable Storage

Disposal

Disposal Not applicable

Other hazards

Not applicable.

3 Composition/information on ingredients

|Substance/mixture

Substance

Component	CAS No.	EC No.	Index No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight % content (or range)
White mineral oil (petroleum)	8042-47-5	232-455-8	-	Not Classified	100

4 First-aid measures

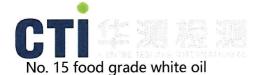
|Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Skin contact	Rinse and then wash skin with water and soap.
Ingestion	Do NOT induce vomiting.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

| Most important symptoms/effects, acute and delayed

Please see section 11.

| Indication of any immediate medical attention and special treatment needed



1 Treat symptomatically.

2 Symptoms may be delayed.

5 Fire-fighting measures

|Extinguishing media

Suitable extinguishing media

Use extinguishing agent suitable for type of surrounding fire.

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Unsuitable extinguishing media

No special notes.

| Specific hazards arising from the substance or mixture

- 1 Development of hazardous combustion gases or vapor possible in the event of fire.
- Not considered a significant fire risk, however containers may burn.

|Advice for firefighters

- As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
- 2 Fight fire from a safe distance, with adequate cover.
- 3 Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures

|Personal precautions, protective equipment and emergency procedures

- 1 Use personal protective equipment, do not breathe gas/mist/vapour/spray.
- 2 Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
- 3 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

| Environmental precautions

- 1 Prevent further leakage or spillage if safe to do so.
- 2 Discharge into the environment must be avoided.

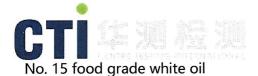
|Methods and materials for containment and cleaning up

- 1 Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
- 2 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
- 3 Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

7 Handling and storage

IPrecautions for safe handling

- Protective measures
- 1 Handling is performed in a well ventilated place.
- 2 Wear suitable protective equipment.



- Avoid contact with skin and eyes.
- Measures to prevent fire
- Keep away from heat/sparks/open flames/ hot surfaces.
- Measures to prevent aerosol and dust generation
- Not applicable.
- Advice on general occupational hygiene
- Wash hands and face after using of the substances.
- Replace the contaminated clothing immediately.

| Conditions for safe storage, including any incompatibilities

- Keep containers tightly closed.
- 2 Keep containers in a dry, cool and well-ventilated place.
- Keep away from heat/sparks/open flames/hot surfaces. 3
- Store away from incompatible materials and foodstuff containers.

| Specific end use(s)

1 In addition to use mentioned in the first parts, unforeseen other specific end uses.

Exposure controls/personal protection

|Control parameters

Occupational	Exposure	limit
	va	dues

No relevant regulations

Biological limit values

Biological limit values | No relevant regulations

- Monitoring methods
- EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
- GBZ/T 300.1~GBZ/T 300.160-2017; GBZ/T 300.161~GBZ/T 300.164-2018 Determination of toxic substances in workplace air (Series standard).
- Derived No effect level (DNEL)

Component Route of exposure	Route of	DNEL for Workers					
	Acute effects(local)	Acute effects(systemi c)	Chronic effects(local)	Chronic effects(systemic)			
White mineral oil	Inhalation	No data available	No data available	No data available	No data available		
(petroleum)	Oral	No data available	No data available	No data available	No data available		
	Dermal	No data available	No data available	No data available	No data available		

Predicted No Effect Concentration (PNEC)

Predicted No Effect | No information available Concentration (PNEC)



|Engineering controls

- Ensure adequate ventilation, especially in confined areas.
- Ensure that eyewash stations and safety showers are close to the workstation location.
- 3 Set up emergency exit and necessary risk-elimination area.
- Handle in accordance with good industrial hygiene and safety practice. 4

|Personal protection equipment

General requirement No special requirements, please see the description below.

In general situation, eye protection is not needed. In the production process, when Eye protection

contacting with vapour, tightly fitting safety goggles (approved by EN 166(EU) or

NIOSH (US).

In general situation, hand protection is not needed. Hand protection

Respiratory protection In general situation, respiratory protection is not needed. If exposure limits are

exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387)

respirator cartridges.

Skin and body protection In general situation, skin and body protection are not needed.

Physical and chemical properties and safety characteristics

Physical and chemical prope	erties
Appearance	Colorless clear liquid
Odor	Weak odor
Odor threshold	No information available
рН	6.3 (50.0 g/L, 25°C)
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	> 150
Flash point(Closed cup.°C)	> 96

sh point(Closed cup,*C)

No information available **Evaporation rate**

Not applicable **Flammability** Upper limit: Not explosive; Lower limit: Not explosive Upper/lower explosive

limits[%(v/v)]

No information available Vapor pressure

Vapor density(Air = 1) No information available

Relative density(Water=1) 1.236 (20.0±0.1°C)

Solubility Miscible with water n-octanol/water partition No information available

coefficient

No information available Auto-ignition temperature(°C) Decomposition No information available

temperature(°C)



Viscosity Explosive properties

No information available

Not explosive

Oxidizing properties Not oxidizing

10 Stability and reactivity

| Stability and reactivity

Reactivity

Contact with incompatible substances can cause decomposition or other chemical

reactions.

Chemical stability

Stable under proper operation and storage conditions.

Possibility of hazardous

No information available.

reactions Conditions to avoid

Incompatible materials, heat, flame and spark.

Incompatible materials

No information available.

Hazardous decomposition

Under normal conditions of storage and use, hazardous decomposition products

products | should not be produced.

11 Toxicological information

Acute toxicity

Acute toxicity No information available

|Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTF		
White mineral oil	Not Listed	Not Listed		
(petroleum)				

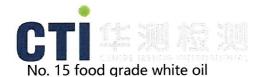
| Others

White mineral oil (petroleum)(Component)

Skin corrosion/irritation
Serious eye damage/irritation
Skin sensitization
Respiratory sensitization
Reproductive toxicity
STOT-single exposure
STOT-repeated exposure
Aspiration hazard
Germ cell mutagenicity
Reproductive
toxicity(additional)

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

12 Ecological information



|Acute aquatic toxicity

Acute aquatic toxicity | No information available

|Chronic aquatic toxicity

Chronic aquatic toxicity | No information available

|Persistence and degradability

Persistence and degradability No information available

|Bioaccumulative potential

Bioaccumulative potential | No information available

|Mobility in soil

Mobility in soil | No information available

IResults of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
White mineral oil	not PBT/vPvB
(petroleum)	

13 Disposal considerations

|Disposal considerations

Waste chemicals Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.

Contaminated packaging

Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.

Disposal recommendations Refer to section waste chemicals and contaminated packaging.

14 Transport information

|Label and Mark

Transporting Label Not applicable

| IMDG-CODE

IMDG-CODE NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

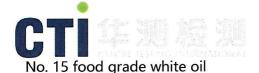
| IATA-DGR

IATA-DGR NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN-ADR

UN-ADR NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

15 Regulatory information



International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC	ENCS
White mineral oil	√	√	1	1	1	V	1	1	1
(petroleum)									

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[EINECS] European Inventory of Existing Commercial Chemical Substances

[TSCA] United States Toxic Substances Control Act Inventory

[DSL] Canadian Domestic Substances List

[IECSC] China Inventory of Existing Chemical Substances

[NZIoC] New Zealand Inventory of Chemicals

[PICCS] Philippines Inventory of Chemicals and Chemical Substances

[KECI] Korea Existing Chemicals Inventory

[AIIC] Australia. Inventory of Industrial Chemicals (AIIC)

[ENCS] Japan Inventory of Existing & New Chemical Substances

| European chemical inventory

Component	Α	В	С	D	E	F	G
White mineral oil (petroleum)	×	×	×	٧	\ \	×	×

- [A] Candidate list of Substances of Very High Concern for authorization under EU REACH regulation
- [B] Substances requiring authorisation under EU REACH regulation
- [C] Substances restricted under EU REACH
- [D] Pre-registered substances under EU REACH
- [E] Registered substances under EU REACH
- [F] Substance Evaluation CoRAP under EU REACH
- [G] List of priority substances under EU water policy (Directive 2455/2001/EC)

Note:

- " $\sqrt{}$ " Indicates that the substance included in the regulations.
- "x" No data or not inlouded in the regulations.

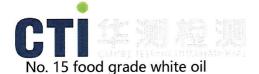
16 Other information

Information on revision

Creation Date	2020/12/23
Revision Date	2020/12/23
Reason for revision	-

Reference

- [1] IPCS: The International Chemical Safety Cards (ICSC), website: http://www.ilo.org/dyn/icsc/showcard.home.
- [2] IARC, website: http://www.iarc.fr/。
- [3] OECD: The Global Portal to Information on Chemical Substances, website: https://www.echemportal.org/echemportal/substancesearch/index.action.
- [4] CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple.
- [5] NLM: ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp.
- [6] EPA: Integrated Risk Information System, website: http://cfpub.epa.gov/iris/。
- [7] U.S. Department of Transportation: ERG, website: http://www.phmsa.dot.gov/hazmat/library/erg.
- [8] Germany GESTIS-database on hazard substance, website: http://gestis-en.itrust.de/.



| Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG	International Maritime Dangerous Goods
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC_X	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
Pow	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment

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