

# Safety Data Sheet

KDS0019KOE

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## 1.PRODUCT AND COMPANY IDENTIFICATION

Product name : ULVOIL R-42

### Recommended use of the chemical and restrictions on use

Recommended use : Lubricant

Restrictions on use : None known.

### Manufacturer or supplier's details

Company : ULVAC,Inc.

Address : 2500 Hagsono, Chigasaki, Kanagawa,  
253-8543, JAPAN

Telephone : +81-467-89-2158

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## 2. HAZARDS IDENTIFICATION

### GHS Classification

Not applicable

### GHS label elements

Hazard pictograms :

Signal Word : Not applicable

Hazard Statements : Not applicable

Precautionary Statements : Not applicable

### Other hazards which do not result in classification

No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	Common Name	CAS-No.	Concentration (% w/w)
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Residual oils (petroleum), hydrotreated	Residual oils (petroleum), hydrotreated	64742-57-0	$\geq 1 - < 5$
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#### No hazardous ingredients

Chemical name	Common Name	CAS-No.	Concentration (% w/w)
Mineral oil	-	-	$\geq 90$
Lubricating oil additive	-	-	$< 1$

Total mineral oil concentration(% w/w) :  $\geq 99$

For explanation of abbreviations see section 16.

## 4. FIRST AID MEASURES

General advice	: Do not leave the victim unattended.
In case of eye contact	: Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If inhaled	: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
If swallowed	: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	: None known.

## 5. FIRE-FIGHTING MEASURES

#### Suitable and unsuitable extinguishing media

Hazardous combustion products	: No hazardous combustion products are known
Specific extinguishing methods	: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for fire-fighters	: Wear self-contained breathing apparatus for firefighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and cleaning up	: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.
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## 7. HANDLING AND STORAGE

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Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Conditions for safe storage	:	Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	:	No materials to be especially mentioned.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Residual oils (petroleum), hydrotreated	64742-57-0	TWA (Inhalable fraction)	5 mg/m <sup>3</sup>	ACGIH

### Personal protective equipment

Respiratory protection	:	No personal respiratory protective equipment normally required.
Eye protection	:	Safety glasses
Skin and body protection	:	Protective suit
Hygiene measures	:	General industrial hygiene practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	transparent
Physical state	:	liquid
Color	:	light yellow
Odor	:	slight
Pour point	:	-35.0 °C
Initial boiling point and boiling range	:	No data available
Flash point	:	276 °C Method: Cleveland open cup
Upper/Lower explosion limit	:	
Solubility(ies)	:	
Water solubility	:	insoluble
Density	:	0.8294 g/cm <sup>3</sup> (15 °C)

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Viscosity  
Viscosity, kinematic : 46.32 mm<sup>2</sup>/s (40 °C)

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## 10. STABILITY AND REACTIVITY

Chemical stability and possibility of hazardous reactions : No decomposition if stored and applied as directed.  
No decomposition if stored and applied as directed.  
Stable under recommended storage conditions.  
No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : Strong acids and strong bases

Hazardous decomposition products : No hazardous decomposition products are known.

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## 11. TOXICOLOGICAL INFORMATION

### Health hazard information

### Further information

#### Product:

Remarks: No data available

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : No data available

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## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**Disposal precautions**

Dispose of in accordance with local regulations.

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**14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : Not applicable

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation**

Refer to section 15 for specific national regulation.

**Special precautions for user**

Remarks : Not classified as dangerous in the meaning of transport regulations.

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**15. REGULATORY INFORMATION****National regulatory information****Regulation under the Occupational Safety and Health Act****Harmful Substances Prohibited from Manufacturing**

Not applicable

**Harmful Substances Required Permission for Manufacture**

Not applicable

**Hazardous substances requiring management**

Not applicable

**Controlled Substances Subject to Environment Monitoring**

Not applicable

**Controlled Substances Subject to Health Examination**

Chemical name	CAS-No.	Threshold limits (%)
Oil mist, mineral	64742-57-0	

**Act on the Registration and Evaluation, etc. of Chemical Substances, Chemicals Control Act****Toxic Chemicals**

Not applicable

**Restricted Chemicals**

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Not applicable

**Prohibited Chemicals**

Not applicable

**Toxic Release Inventory**

Not applicable

**Accident Precaution Chemicals**

Not applicable

**Dangerous Substances Safety Management Act**

Not Applicable to Dangerous Materials

**Waste Control Act**

Industrial waste

Follow article 13 of the act to dispose the product waste

**Other requirements in domestic and other countries**

**The ingredients of this product are reported in the following inventories:**

ENCS	: Listed
TSCA	: Listed
EINECS	: Listed
REACH	: For further information, please contact
DSL	: Listed
AICS	: Listed
KECI	: Listed
PICCS	: Listed
IECSC	: Listed
TCSI	: Listed
NZIoC	: Listed

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**16. OTHER INFORMATION**

**Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 -

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Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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