

# Safety Data Sheet

Revision date: 24-05-2024

Primer Oil  
Product code: L-150

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Primer Oil

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

#### Use of the substance/mixture

Vegetable resin paints

#### Uses advised against

No further relevant information available.

### 1.3. Details of the supplier of the safety data sheet

Company name: LEINOS Naturfarben  
Reincke Naturfarben GmbH

Street: Industriestraße 3

Place: D-21640 Horneburg

Telephone: +49 (0)4163-86 747-0                      Telefax: +49 (0)4163-86 747-29

E-mail: info@leinos.de

E-mail (Contact person): reincke.naturfarben@t-online.de

Internet: www.leinos.de

Responsible Department: +49 (0)4163-86 747-0 (8:00 - 17:00 h)

### 1.4. Emergency telephone number:

+49 (0)4163-86 747-0 (8:00 - 17:00 h)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No 1272/2008

Asp. Tox. 1; H304  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### Regulation (EC) No 1272/2008

#### Hazard components for labelling

isoalkane

Signal word: Danger

#### Pictograms:



#### Hazard statements

H304                      May be fatal if swallowed and enters airways  
H412                      Harmful to aquatic life with long lasting effects

#### Precautionary statements

P273                      Avoid release to the environment.  
P301+P310              IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331                      Do NOT induce vomiting.  
P405                      Store locked up.  
P501                      Dispose of contents/container to an appropriate recycling or disposal facility.

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## Special labelling of certain mixtures

- EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH208 Contains Iodo-2-propynyl-butylcarbamate. May produce an allergic reaction.

## 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.  
Spontaneous ignition possible through autoxidation of cloths soaked in the product.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64742-96-7	isoalkane			30-40 %
	265-200-4			
	Asp. Tox. 1; H304 EUH066			
55406-53-6	Iodo-2-propynyl-butylcarbamate			0,1-< 0,6 %
	259-627-5			
	Acute Tox. 3, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H302 H318 H317 H372 H400 H410			
27253-32-3	Manganese Neodecanoate			0,1 - < 0,5 %
	248-374-6			
	STOT RE 2; H373			
64216-15-5	Calcium 3,5,5-trimethylhexanoat			0,1-< 0,5 %
	264-731-9		01-2119978299-15	
	Acute Tox. 4, Eye Irrit. 2; H302 H319			

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
55406-53-6	259-627-5	Iodo-2-propynyl-butylcarbamate	0,1-< 0,6 %
		inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); oral: ATE = 500 mg/kg	
64216-15-5	264-731-9	Calcium 3,5,5-trimethylhexanoat	0,1-< 0,5 %
		oral: ATE = 500 mg/kg	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.  
Never give anything by mouth to an unconscious person or a person with cramps.  
If unconscious but breathing normally, place in recovery position and seek medical advice.

#### After inhalation

Remove casualty to fresh air and keep warm and at rest.  
If breathing is irregular or stopped, administer artificial respiration.

#### After contact with skin

Immediately remove any contaminated clothing, shoes or stockings.  
After contact with skin, wash immediately with plenty of water and soap.  
Do not wash with: Solvents/Thinner

#### After contact with eyes

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In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

**After ingestion**

Call a physician immediately.  
Put victim at rest, cover with a blanket and keep warm.  
Do NOT induce vomiting.

**SECTION 5: Fire fighting measures****5.1. Extinguishing media****Suitable extinguishing media**

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Extinguishing powder, Water mist

**Unsuitable extinguishing media**

Full water jet

**5.2. Special hazards arising from the substance or mixture**

Burning produces heavy smoke.  
Hazardous decomposition products: carbon black.  
Use appropriate respiratory protection.

**5.3. Advice for fire fighters**

Use water spray jet to protect personnel and to cool endangered containers.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Keep away from sources of ignition - No smoking. Ventilate affected area.  
Avoid breathing dust/fume/gas/mist/vapours/spray.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**6.3. Methods and material for containment and cleaning up****Other information**

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).  
Collect in closed and suitable containers for disposal. Disposal: see section 13  
Clean with detergents. Avoid solvent cleaners.

**SECTION 7: Handling****7.1. Precautions for safe handling****Advice on safe handling**

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Only use the material in places where open light, fire and other flammable sources can be kept away.  
Use explosion-proof electrical equipment. Filling and transfer: Take precautionary measures against static discharges. Provide earthing of containers, equipment, pumps and ventilation facilities. Wear anti-static footwear and clothing Use only antistatically equipped (spark-free) tools.

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or spray/mists, Inhalation of dust/particles.  
Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

**Advice on protection against fire and explosion**

Solvent - Vapours are heavier than air, spread along floors and form explosive mixtures with air.

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## Further information on handling

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Store in accordance with: Betriebssicherheitsverordnung (BetrSichV).

#### Hints on joint storage

Do not store together with: , Strong acid, Strong alkali

#### Further information on storage conditions

Follow the instructions for use on the label.

storage temperature 5-30.

Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in a place accessible by authorized persons only. Always close containers tightly after the removal of product.

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Permissible Limits of Exposure

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibre/cc	Category	Origin
34590-94-8	Dipropylene glycol methyl ether (DPGME): (2-Methoxymethylethoxy)propanol	50			TWA (8 h)	ACGIH-2023

### 8.2. Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

#### Individual protection measures, such as personal protective equipment

##### Hand protection

Replace when worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: Nitrilkautschuk

Breakthrough time:: >= 8 hmin.

Use protective skin cream before handling the product.

##### Skin protection

Wear anti-static footwear and clothing (Natural fibres (e.g. cotton) / heat-resistant synthetic fibres)

##### Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values.

Use suitable breathing apparatus.

##### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: liquid:

Colour: brown

Odour: mild

Melting point/freezing point:

not applicable

#### Test method

ASTM D 1120

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Boiling point or initial boiling point and boiling range:	> 180 °C	
Lower explosion limits:	0,6 g/m <sup>3</sup>	
Upper explosion limits:	7,0 g/m <sup>3</sup>	
Flash point:	> 61 °C	DIN 53213
Auto-ignition temperature:		ASTM E 659
pH-Value:	not relevant	
Viscosity / kinematic (at 40 °C):	< 20,5 mm <sup>2</sup> /s	
Water solubility:	This information is not available.	
Partition coefficient n-octanol/water:	This information is not available.	
Vapour pressure:		OECD 104
Density (at 20 °C):	0,87 g/cm <sup>3</sup>	DIN 53217
Bulk density:		NF T 20-053
Relative vapour density:	This information is not available.	
Particle characteristics:	not relevant	

**9.2. Other information****Information with regard to physical hazard classes**

Explosive properties		
not relevant		
Sustaining combustion:	Not sustaining combustion	UN Test L.2
Self-ignition temperature		
Solid:	n.a.	
Oxidizing properties		
not relevant		

**Other safety characteristics**

Solvent separation test:	not relevant	
Sublimation point:	not relevant	n.a.
Softening point:	n.a.	
Pour point:	n.a.	
Viscosity / dynamic:	not determined	ASTM D 2196
Flow time (at 40 °C):	40 s	3 DIN EN ISO 2431

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product is stable under storage at normal ambient temperatures.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Exothermic reaction with: , Strong acid, Strong alkali

**10.4. Conditions to avoid**

Hazardous decomposition products

**10.5. Incompatible materials**

Oxidizing agent

**10.6. Hazardous decomposition products**

Nitrogen oxides (NOx), carbon black, Carbon dioxide (CO<sub>2</sub>), Carbon monoxide

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

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

#### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 50 mg/l; ATE (inhalation dust/mist) > 12,5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
55406-53-6	Iodo-2-propynyl-butylcarbamate				
	oral	ATE 500 mg/kg			
	inhalation vapour	ATE 3 mg/l			
	inhalation dust/mist	ATE 0,5 mg/l			
64216-15-5	Calcium 3,5,5-trimethylhexanoat				
	oral	ATE 500 mg/kg			

#### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Repeated exposure may cause skin dryness or cracking.

#### Sensitising effects

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

Contains Iodo-2-propynyl-butylcarbamate. May produce an allergic reaction.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: 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

May be fatal if swallowed and enters airways

Observe risk of aspiration if vomiting occurs.

#### Practical experience

Following inhalation:

May cause respiratory irritation. Depression of central nervous system.

Symptoms: Headache, Dizziness, Dizziness, Unconsciousness

After eye contact:

Irritating to eyes. (reversible.)

Following ingestion:

Symptoms: Nausea, Vomiting, Gastrointestinal complaints

Following skin contact:

### 11.2. Information on other hazards

#### Other information

#### Further information

There are no data available on the mixture itself.

Reference to other sections: 2, 3

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## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

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

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.6. Other adverse effects

No data available

### 12.7 Other Information

There are no data available on the mixture itself.  
Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **Disposal recommendations**

Do not allow to enter into surface water or drains.

#### **List of Wastes Code - residues/unused products**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

#### **List of Wastes Code - used product**

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

#### **Contaminated packaging**

Completely emptied packages can be recycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

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### Marine transport (IMDG)

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

not applicable

## SECTION 15: Regulatory information

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

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28

Directive 2004/42/EC on VOC in paints and varnishes: 350 g/l : Kategorie f

Subcategory (EU-VOC): Interior and exterior minimal build woodstains - Solvent-borne coatings, VOC limit value: 700 g/l

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

#### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles. Observe employment restrictions for expectant or nursing mothers.

Water hazard class (D): 1 - slightly hazardous to water

#### Additional information

Observe in addition any national regulations!

## SECTION 16: Other information

### Abbreviations and acronyms

Acute Tox: Acute toxicity  
 Asp. Tox: Aspiration hazard  
 Eye Dam: Eye damage  
 Eye Irrit: Eye irritation  
 Skin Sens: Skin sensitisation  
 STOT RE: Specific target organ toxicity - repeated exposure  
 Aquatic Acute: Acute aquatic hazard  
 Aquatic Chronic: Chronic aquatic hazard

### Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Asp. Tox. 1; H304	Calculation method
Aquatic Chronic 3; H412	Calculation method

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**Relevant H and EUH statements (number and full text)**

H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains Iodo-2-propynyl-butylcarbamate. May produce an allergic reaction.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*