

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

1.1.1 Commercial Product Name

NESTE CONTREX

1.1.2 Product code

(ID 13444) 7014

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

1.2.1 Recommended use

Lubrication grease

1.3 Details of the supplier of the safety data sheet

1.3.1 Supplier

Neste Markkinointi Oy

Street address

Keilaranta 21

Postcode and post office

Espoo

FINLAND

P.O.Box

P.O.B. 95

Postcode and post office

FIN-00095 NESTE OIL

FINLAND

Telephone

+358- 10 45811

Telefax

+358- 10 45 84442

Business ID

1626490-8

Email

lubetec@nesteoil.com

1.4 Emergency telephone number

1.4.1 Telephone number, name and address

+358-9-471 977, +358-9-4711, Poison Information Centre/HUS

P.O.B 340 (Haartmaninkatu 4) 00029 HUS (Helsinki, Finland)

2. HAZARDS IDENTIFICATION

Product is not classified hazardous.

2.1 Classification of the substance or mixture

67/548/EEC - 1999/45/EC

-;

2.2 Label elements

67/548/EEC - 1999/45/EC

2.3 Other hazards

Prolonged or repeated skin contact may irritate the skin and produce dermatitis.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous components

CAS number

Chemical name of the substance Concentration Classification

-

-

-

-

3.3 Other information

Lithium complex grease

Mineral oil (IP346 DMSO extract < 3 %)

For the full text of the R-phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.2 Inhalation

If the person exposed to oil mist or vapour has fatigue or nausea, he shall be moved into fresh air. If symptoms persist, call a physician.

4.1.3 Skin contact

Remove contaminated clothing. Wash the skin with plenty of water and soap. If skin irritation persists, call a physician.

4.1.4 Eye contact

Rinse immediately with plenty of water, also under the eyelids. Consult a physician.

4.1.5 Ingestion

DO NOT INDUCE VOMITING. Rinse mouth with water. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

no data available

4.3 Indication of immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Foam, dry powder, carbon dioxide.

5.1.2 Extinguishing media which must not be used for safety reasons

Water jet

5.2 Special hazards arising from the substance or mixture

Burning produces irritant fumes.

5.3 Advice for firefighters

Self-contained breathing apparatus and full protective clothing.

5.4 Specific methods

In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear adequate protective equipment at all operations.

6.2 Environmental precautions

Should not be released into the environment. Prevent product from entering drains.

6.3 Methods and materials for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4 Reference to other sections

For personal protection see section 8. Product waste should be disposed in accordance with item 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

When using greasing pistol avoid grease penetrating skin. Avoid skin contact and inhalation of oil mist. Wear personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store at room temperature in the original container. Keep at temperature not exceeding 50°C. Keep tightly closed.

7.3 Specific end use(s)

None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Threshold limits

Oil mist*	5 mg/m ³ (8 h)
	HTP 2011/FIN

8.1.2 Other information on limit values

The occupational exposure monitoring method: Oil mist: NIOSH Method 5026, SFS-EN 689

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation.

8.2.2 Individual protection measures

8.2.2.1 Respiratory protection

Breathing apparatus needed only when aerosol or mist is formed. When needed: Oil mist: respirator (combined particle and organic vapour filter, type A2/P2).

8.2.2.2 Hand protection

Protective gloves (e.g. of nitrile rubber). Lämpäisy aika > 480 min. Change protective gloves regularly.

8.2.2.3 Eye/face protection

Safety goggles if there is a risk of splashing.

8.2.2.4 Skin protection

Minimize any skin contact. Protective clothing when needed.

8.2.3 Environmental exposure controls

Do not release into the ground, waters or sewersystem.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

9.1.1 Appearance

paste, light yellow

9.1.2 Odour

oily

9.1.3 Odour threshold

-

9.1.4 pH

-

9.1.5 Melting point/freezing point

-

9.1.6 Initial boiling point and boiling range

-

9.1.7 Flash point

> 150°C

9.1.8 Evaporation rate

-

9.1.9 Flammability (solid, gas)

-

9.1.10 Explosive properties

9.1.10.1 Lower explosion limit

-

9.1.10.2 Upper explosion limit

-

9.1.11 Vapour pressure

-

9.1.12 Vapour density

-

9.1.13	Relative density	< 1,0 (25 °C)
9.1.14	Solubility(ies)	
9.1.14.1	Water solubility	Insoluble.
9.1.14.2	Fat solubility (solvent /oil to be specified)	-
9.1.15	Partition coefficient: n-octanol/water	-
9.1.16	Auto-ignition temperature	-
9.1.17	Decomposition temperature	-
9.1.18	Viscosity	-
9.1.19	Explosive properties	-
9.1.20	Oxidising properties	-
9.2	Other information	
	Consistency: NLGI 2.	

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
None known.
- 10.2 Chemical stability**
Stable under normal conditions.
- 10.3 Possibility of hazardous reactions**
Hazardous polymerisation does not occur.
- 10.4 Conditions to avoid**
None known.
- 10.5 Incompatible materials**
Strong oxidizing agents
- 10.6 Hazardous decomposition products**
Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
- 11.1.1 Acute toxicity**
no data available
- 11.1.2 Irritation and corrosion**
May cause eye or skin irritation with susceptible persons.
- 11.1.3 Sensitisation**
Probably non-sensitizing.
- 11.1.4 Subacute, subchronic and prolonged toxicity**
no data available
- 11.1.7 Aspiration hazard**
No aspiration toxicity classification
- 11.1.8 Other information on acute toxicity**
Used greases may contain accumulated contaminants dangerous to health and the environment.
Prolonged or repeated skin contact may irritate the skin and produce dermatitis.

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**

- 12.1.1 Aquatic toxicity**
Aquatic toxicity is unlikely due to low solubility.
- 12.1.2 Toxicity to other organisms**
no data available
- 12.2 Persistence and degradability**
- 12.2.1 Biodegradation**
No readily biodegradable.
- 12.2.2 Chemical degradation**
no data available
- 12.3 Bioaccumulative potential**
Base oil hydrocarbons are possibly accumulative; log Kow > 4.
- 12.4 Mobility in soil**
The product is insoluble and floats on water. Product can be slightly adsorbed onto organic material in soil or sediment
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Ecological injuries are not known or expected under normal use.

13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**
Used grease is hazardous waste. Product waste should be treated according to national regulations and local authorities' advice. When handling the waste note the hazards and take care of necessary safety measures, labelling and information. Store containers and offer for recycling of material when in accordance with the local regulations.
EWC waste disposal No: 13 08 99.
- 13.2 Waste from residues / unused products**
Empty packaging: Dispose of as unused product.

14. TRANSPORT INFORMATION

- 14.1 UN number** Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR
- 14.2 UN proper shipping name** -
- 14.3 Transport hazard class(es)** -
- 14.4 Packing group** -
- 14.5 Environmental hazards**
-
- 14.6 Special precautions for users**
-
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
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15. REGULATORY INFORMATION

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety datasheet available on request for professional users.

15.2 Chemical safety assessment

no data available

16. OTHER INFORMATION

16.1 Additions, Deletions, Revisions

Updated according to regulation (EU) N:o 453/2010 amending regulation (EC) N:o 1907/2006 (REACH).

16.3 Key literature references and sources for data

Producer's SDS 8.11.2010

16.7 Recommended restrictions

Reserved for industrial and professional use.

16.8 Further information

Neste Markkinointi Oy/Lubrication, product information, tel. +358 (0)10 45 85410, e-mail: lubetec@nesteoil.com