

Safety data sheet according to Regulation (EC) No 1272/2008, Annex II

1. Identification

Material Name	Bauer-Kompressorenöl
Product Code	N19745
Product Use	Compressor oil
Uses Advised Against	This product must not be used in applications other than those recommended in Section 1, without first seeking the advice off the supplier.
Manufacturer/Supplier	BAUER KOMPRESSOREN GmbH, Stäblistraße 8, D-81477 München Telefon +49(0)89-78049-0, Telefax +49(0)89-78049-167
Emergency Telephone Number	Telefon +49(0)89-78049-0

2. Hazards Identification

Classification of the substance or mixture	Classification according to Regulation (EC) 1272/2008 (CLP) The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP)
Label elements	Labeling according to Regulation (EC) 1272/2008 (CLP) EUH208-Contains Di-iso-octyl amino methyl toluotriazole. May produce an allergic reaction. EUH210-Safety data sheet available on request.
Other hazards	The mixture does not contain any vPvB substance or is not includes under XIII of the regulation (EC) 1907/2008. May produce an allergic reaction. Product can compose a film on the water surface, which can prevent oxygen exchange.

3. Composition/information on ingredients

Material Name	Not applicable
Additional Information	This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB

4. First aid measures

Inhalation	Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms
Skin contact	Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.
Eye contact	Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.
Ingestion	Rinse the mouth thoroughly with water. Do not induce vomiting - give copious water to drink. Consult doctor immediately.
Most important symptoms and effects, both acute and delayed	If applicable delayed symptoms and effects can be found in section 11. The following may occur: With long-term contact: Dermatitis (skin inflammation) Sensitive individuals: Allergic reaction possible. In certain cases, the symptoms of poisoning may appear after an extended period/after several hours.
Indication of any immediate medical attention and special treatment needed	Indications for the physician: Symptomatic treatment.

5. Firefighting measures

Suitable extinguishing media	CO2, Extinction powder, Foam
Unsuitable extinguishing media	High volume water jet
Special hazards arising from the substance or mixture	In case of fire the following can develop: Oxides of carbon, Oxides of nitrogen, Toxic pyrolysis products, Hot product gives off combustible vapours
Advice for firefighters	In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire: Full protection, if necessary. Cool container at risk with water. Dispose of contaminated extinction water according to official regulations.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Ensure sufficient supply of air. Avoid contact with eyes or skin. If applicable, caution – risk of slipping.
Environmental precautions	If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent from entering drainage system. Prevent surface and ground-water infiltration, as well as ground penetration. If accidental entry into drainage system occurs, inform responsible authorities.
Methods and material for containment and cleaning up	Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.
Reference to other sections	For personal protective equipment see Section 8 and for disposal instructions see Section 13.

7. Handling and storage

General recommendations	Ensure good ventilation. Avoid formation of oil mist. Do not heat to temperatures close to flash point. Do not carry cleaning cloths soaked in product in trouser pockets. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use.
Notes on general hygiene measures at the workplace	General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs. Remove

contaminated clothing and protective equipment before entering areas in which food is consumed.

Conditions for safe storage, including any incompatibilities

Store product closed and only in original packing. Not to be stored in gangways or stair wells. Do not store with oxidizing agents. Solvent resistant floor. Store in a well ventilated place. Protect from direct sunlight and warming.

Specific end use(s)

No information available at present.

8. Exposure controls/personal protection

Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection

Tight fitting protective goggles (EN 166) with side protection, with danger of projections.

Skin protection/Hand protection

Chemical resistant protective gloves (EN 374)
If applicable: Protective nitrile gloves (EN 374), Protective PVC gloves (EN374), Protective hand cream recommended. The breakthrough times determined in accordance with EN 374 Part 3 were not obtained under practical conditions. The recommended maximum wearing time is 50% of breakthrough time.

Skin protection – other

Protective working garments (e. g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection

Normally not necessary.

Thermal hazards

If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection – No tests have been performed

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications. Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. In the case of mixtures, the resistance of glove materials can not be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

Environmental exposure controls

No information available at present.

9. Physical and chemical properties

Physical state	Liquid
Colour	Yellow
Odour	Mild
Odour threshold	Not determined
pH-value	n.a.
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	270°C
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Lower explosive limit	Not determined
Upper explosive limit	Not determined
Vapour pressure	Not determined
Vapour density (air = 1)	Not determined
Density	0,965 g/ml (20°C)
Bulk density	Not determined
Solubility(ies)	Not determined
Water solubility	Insoluble
Partition coefficient (n-octanol/water)	Not determined
Auto-ignition temperature	420°C
Decomposition temperature	Not determined
Viscosity	145 mm ² /s (40°C)
Explosive properties	Not determined
Oxidising properties	No
Miscibility	Not determined
Fat solubility/solvent	Not determined
Conductivity	Not determined
Surface tension	Not determined
Solvents content	Not determined

10. Stability and reactivity

Reactivity	See also subsection Chemical stability to Hazardous decomposition products. The product has not been tested.
Chemical stability	See also subsection Reactivity to Hazardous decomposition products. Stable with proper storage and handling.
Possibility of hazardous reactions	See also subsection Reactivity to Hazardous decomposition. No decomposition if used as intended.
Conditions to avoid	See also section 7.
Incompatible materials	See also section 7. Avoid contact with strong oxidizing agents. Avoid contact with strong alkalis. Avoid contact with strong acids.
Hazardous decomposition products	See also subsection Reactivity to Incompatible materials See also section 5: Special hazards arising from the substance or mixture. No decomposition when used as directed.

11. Toxicological information

Acute toxicity, by oral route	n.d.a.
Acute toxicity, by dermal route	n.d.a.
Acute toxicity, by inhalation	n.d.a.
Skin corrosion/irritation	n.d.a.
Serious eye damage/irritation	n.d.a.
Respiratory or skin sensitisation	n.d.a.
Germ cell mutagenicity	n.d.a.
Carcinogenicity	n.d.a.
Reproductive toxicity	n.d.a.
Specific target organ toxicity- Single exposure (STOT-SE)	n.d.a.
Specific target organ toxicity- repeated exposure (STOT-SE)	n.d.a.
Aspiration hazard	n.d.a.

Symptoms	n.d.a
Other information	Classification according to calculation procedure.

12. Ecological information

Toxicity to fish	n.d.a.
Toxicity to daphnia	n.d.a.
Toxicity to algae	n.d.a.
Persistence and degradability	n.d.a.
Bioaccumulative potential	n.d.a.
Mobility in soil	n.d.a.
Results of PBT and vPvB assessment	n.d.a.
Other adverse effects	n.d.a.
Other information	According to the recipe, contains no AOX

13. Disposal considerations

For the substance/mixture/ Residual amounts	Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of. The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU) 13 02 06 synthetic engine, gear and lubricating oils Recommendation: Sewage disposal shall be discouraged. Pay attention to local and national official regulations. Implement substance recycling. E.g. suitable incineration plant.
For contaminated packing material	Pay attention to local and national official regulations. Empty container completely. Uncontaminated packaging can be recycled. Dispose of packaging that can not be cleaned in the same manner as the substance.

14. Transport information

General statements	UN number: n.a.
Transport by road/by rail (ADR/RID)	UN proper shipping name: n.a. Transport hazard class(es): n.a. Packing group: n.a. Classification code: n.a. LQ (ADR 2015): n.a. Environmental hazards: Not applicabele
Transport by sea (IMDG-code)	UN proper shipping name: n.a. Transport hazard class(es): n.a. Packing group: n.a. Marine Pollutant: n.a. Environmental hazards: Not applicabele
Transport by air (IATA)	UN proper shipping name: n.a. Transport hazard class(es): n.a. Packing group: n.a. Environmental hazards: Not applicabele
Special precautions for user	Unless specified otherwise, general measures for safe transport must be followed.
Transport in bulk according to Annex II of MARPOL and the IBS Code	Non-dangerous material according to Transport Regualtions.

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	National rules/regulation for the compliance with maximum quantities with regard to phosphates and or phosphorous compound must be observed and complied with. For classification and labeling see Section 2. Observe restrictions: General hygiene measures for the handling of chemicals are applicable. Directive 2010/75/EU (VOC): 0%
Chemical safety assessment	A chemical safety assessment is not provides for mixtures.

16. Other information

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP) Not applicable
 The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3)

17. Legend

AC	Article Categories
Acc., acc to	According, according to
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	Accord européen relative au transport international des marchandises Dangereuses par Route (=European Agreement concerning the International Carriage of Dangerous Goods by Road)
AOEL	Acceptable Operator Exposure Level
AOX	Adsorbable organic halogen compounds
Approx.	Approximately
Art., Art. No	Article number
ATE	Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
BAM	Bundesanstalt für Materialforschung und –prüfung (Federal Institute for Materials Research and Testing, Germany)
BAuA	Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (=Federal Institute for Occupational Health and Safety, Germany)
BCF	Bioconcentration factor
BGV	Berufsgenossenschaftliche Vorschrift (=Accident Prevention Regulation)
BHT	Butylhydroxytoluol (=2,6-Di- <i>t</i> -butyl-4-methyl-phenol)
BMGV	Biological monitoring guidance value (EH40, UK)
BOD	Biochemical oxygen demand
BSEF	Bromine Science and Environmental Forum
bw	Body weight
CAS	Chemical Abstracts Service
CEC	Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids
CESIO	Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques
CIPAC	Collaborative International Pesticides Analytical Council
CLP	Classification, Labelling and Packaging (Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures)
CMR	Carcinogenic, mutagenic, reproductive toxic
COD	Chemical oxygen demand
CTFA	Cosmetic, Toiletry, and Fragrance Association
DMEL	Derived Minimum Effect Level

DNEL	Derived No Effect Level
DOC	Dissolved organic carbon
DT50	Dwell Time – 50% reduction of start concentration
DVS	Deutscher Verband für Schweißen und verwandte Verfahren e.V. (=German Association for Welding and Allied Processes)
dw	Dry weight
e.g.	For example, for instance
EC	European Community
ECHA	European Chemicals Agency
EEA	European Economic Area
EEC	European Economic Community
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EN	European Norms
EPA	United States Environmental Protection Agency (USA)
ERC	Environmental Release Categories
ES	Exposure scenario
Etc.	Et cetera
EU	European Union
EWC	European Waste Catalogue
Fax.	Fax number
Gen.	General
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
GWP	Global warming potential
HET-CAM	Hen's Egg Test – Chorionallantoic Membrane
HGWP	Halocarbon Global Warming Potential
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
IBC (Code)	Intermediate Bulk Container (Code)
IC	Inhibitory concentration
IMDG-code	International Maritime Code for Dangerous Goods
Incl.	Including, inclusive
IUCLID	International Uniform Chemical Information Database
LC	Lethal concentration
LC50	Lethal concentration 50 percent kill
LCLo	Lowest published lethal concentration
LD	Lethal Dose of a chemical
LD50	Lethal Dose, 50% kill
LDLo	Lethal Dose Low
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
LQ	Limited Quantities
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
n.a.	Not applicable
n.av.	Not available

n.c.	Not checked
n.d.a.	No data available
NIOSH	National Institute of Occupational Safety und Health (USA)
NOAEC	No Observed Adverse Effective Concentration
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
ODP	Ozone Depletion Potential
OECD	Organisation for Economic Co-operation and Development
Org.	Organic
PAH	Polycyclic aromatic hydrocarbon
PBT	Persistent, bioaccumulative and toxic
PC	Chemical product category
PE	Polyethylene
PNEC	Predicted No Effect Concentration
POCP	Photochemical ozone creation potential
Ppm	Parts per million
PROC	Process category
PTFE	Polytetrafluorehylene
REACH	Registration, Evaluation, Authorisation and Restriction of Chemical (Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction o f Chemicals
REACH-IT Lis-No.	9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not habe any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.
RID	Réglement concernant le transport International ferroviaire de marchandises Dangereuses (=Regulation concerning the International Carriage of Dangerous Goods by Rail)
SADT	Self-Accelerating Decomposition Temperature
SAR	Structure Activity Relationship
SU	Sector of use
SVHC	Substance of Very High Concern
Tel.	Telephone
ThOD	Theoretical oxygen demand
TOC	Total organic carbon
TRGS	Technische Regeln für Gefahrenstoffe (=Technical Regulations for Hazardous Substances)
UN RTDG	United Nations Recommendations on the Transport of Dangerous Goods
VbF	Verordnung über brennbare Flüssigkeiten (=Regulation for flammable liquids (Austria))
VOC	Volatile organic compounds
vPvB	Very persistaent and very bioaccumulative
WEL-TWA, WEL-STEL,	WEL-TWA = Workplace Exposure Limit –Long-term exposure limit (8-hour TWA(=time weighted average) WEL-STEL = Workplace Exposure Limit – Short-term exposure

WHO
Wwt

limit (15-minute reference period)(EH40, UK)
World Health Organization
Wet weight

The statements made here should describe the product with regard to the necessary safety precautions – they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.