



SAFETY DATA SHEET

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

Product identifier

Trade name or designation of the mixture No-Tox Food Grade Clear Grease 2

Product code 62260

Registration number -

Synonyms No-Tox Clear Grease 2

Date of first issue 12-April-2011

Version number 2,0

Revision date 10-May-2012

Supersedes date 15-February-2012

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

Identified uses Not available.

Uses advised against None known.

Details of the supplier of the safety data sheet

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NSF Food-grade lubricant. NSF H1 Registered Number 126353.

Section 2: Hazards identification

Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

Acute toxicity, dermal Category 4 (99,99% of the mixture consists of ingredient(s) of unknown toxicity.) Harmful in contact with skin.

Hazard summary

Physical hazards Not classified for physical hazards.

Health hazards Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects.

Environmental hazards Not classified for hazards to the environment.

Specific hazards Not available.

Main symptoms Not available.

Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: White mineral oil (petroleum)



Signal word	Warning
Hazard statements	Harmful in contact with skin.
Precautionary statements	
Prevention	Wear protective gloves/protective clothing. Do not breathe mist or vapour. Wash thoroughly after handling. Avoid release to the environment.
Response	IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Specific measures (see this label). Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.
Storage	Not available.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental label information	Not applicable.
Other hazards	Not assigned.

Section 3: Composition/information on ingredients

Mixture

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
White mineral oil (petroleum)	90 - 100	8042-47-5 232-455-8	-	-	#

Classification: **DSD:** -
 CLP: -

Aluminum, (benzoato-o,o)hydroxy(octadecanoato-o,o)-	3 - < 5	54326-11-3 259-105-7	-	-	#
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Classification: **DSD:** -
 CLP: -

Other components below reportable levels 5 - < 10

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

#: This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Composition comments Not available.

Section 4: First aid measures

General information Wash contaminated clothing before reuse.

Description of first aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and plenty of water. For minor skin contact, avoid spreading material on unaffected skin. Call a POISON CENTER or doctor/physician if you feel unwell.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Never give liquid to an unconscious person.

Most important symptoms and effects, both acute and delayed Not available.

Indication of any immediate medical attention and special treatment needed Symptoms may be delayed.

Section 5: Firefighting measures

General fire hazards Not available.

Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂). Dry chemicals.

Unsuitable extinguishing media Water. Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture Not available.

Advice for firefighters

Special protective equipment for firefighters Wear suitable protective equipment.

Special firefighting procedures Cool containers exposed to heat with water spray and remove container, if no risk is involved.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Ensure adequate ventilation.

For emergency responders Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the MSDS.

Environmental precautions Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

Reference to other sections For personal protection, see section 8. For waste disposal, see section 13.

Section 7: Handling and storage

Precautions for safe handling Do not taste or swallow. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid contact with clothing. Use only in well-ventilated areas.

Conditions for safe storage, including any incompatibilities Keep away from heat and sources of ignition. Keep container tightly closed. Keep out of the reach of children.

Specific end use(s) Not available.

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

Austria

No exposure limits noted for the ingredient(s).

Belgium. Exposure Limit Values.

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	STEL	10 mg/m ³	Mist.
	TWA	5 mg/m ³	Mist.

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value
White mineral oil (petroleum) (8042-47-5)	TWA	5 mg/m3

Cyprus

No exposure limits noted for the ingredient(s).

Czech Republic. OELs. Government Decree 361

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	Ceiling	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

Denmark. Exposure Limit Values

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	TLV	1 mg/m3	Mist.

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value
Aluminum, (benzoato-o,o)hydroxy(octadecanoato-o,o)- (54326-11-3)	TWA	2 mg/m3

Finland. Workplace Exposure Limits

Components	Type	Value
Aluminum, (benzoato-o,o)hydroxy(octadecanoato-o,o)- (54326-11-3)	TWA	2 mg/m3

France

No exposure limits noted for the ingredient(s).

Germany

No exposure limits noted for the ingredient(s).

Germany - TRGS 900

No exposure limits noted for the ingredient(s).

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	TWA	5 mg/m3	Mist.

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	Ceiling	5 mg/m3	Mist.

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value	Form
Aluminum, (benzoato-o,o)hydroxy(octadecanoato-o,o)- (54326-11-3)	TWA	2 mg/m3	
White mineral oil (petroleum) (8042-47-5)	TWA	1 mg/m3	Mist.

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	TWA	0,2 mg/m3	Inhalable fraction.

Italy. OELs

Components	Type	Value	Form
Aluminum, (benzoato-o,o)hydroxy(octadecanoato-o,o)- (54326-11-3)	TWA	1 mg/m3	Respirable fraction.
White mineral oil (petroleum) (8042-47-5)	TWA	5 mg/m3	Inhalable fraction.

Latvia

No exposure limits noted for the ingredient(s).

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007)

Components	Type	Value	Form
Aluminum, (benzoato-o,o)hydroxy(octadecanoato-o,o)- (54326-11-3)	TWA	1 mg/m3	
White mineral oil (petroleum) (8042-47-5)	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

Luxembourg

No exposure limits noted for the ingredient(s).

Malta

No exposure limits noted for the ingredient(s).

Netherlands. OELs (binding)

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	TWA	5 mg/m3	Mist.

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	TLV	1 mg/m3	Mist.

Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	STEL	10 mg/m3	
	TWA	5 mg/m3	

Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	TWA	5 mg/m3	Aerosol

Slovenia

No exposure limits noted for the ingredient(s).

Spain. Occupational Exposure Limits

Components	Type	Value	Form
White mineral oil (petroleum) (8042-47-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
Aluminum, (benzoato-o,o)hydroxy(octadecanoato-o,o)- (54326-11-3)	TWA	1 mg/m3	Total dust.
White mineral oil (petroleum) (8042-47-5)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.

Switzerland

No exposure limits noted for the ingredient(s).

United Kingdom

No exposure limits noted for the ingredient(s).

EU, 91/322/EEC, 2000/39/EC, 2006/15/EC

No exposure limits noted for the ingredient(s).

Biological limit values

EU, 91/322/EEC, 2000/39/EC, 2006/15/EC

No biological exposure limits noted for the ingredient(s).

Finland

No biological exposure limits noted for the ingredient(s).

France

No biological exposure limits noted for the ingredient(s).

Luxembourg

No biological exposure limits noted for the ingredient(s).

Spain

No biological exposure limits noted for the ingredient(s).

United Kingdom

No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Follow standard monitoring procedures.

DNEL Not available.

PNEC Not available.

Exposure controls

Appropriate engineering controls Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment

General information Not available.

Eye/face protection Wear eye/face protection.

Skin protection

- **Hand protection** Wear protective gloves.

- **Other** Wear suitable protective clothing. Wear protective gloves. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory protection No personal respiratory protective equipment normally required.

Thermal hazards Not available.

Hygiene measures Avoid contact with eyes. Avoid contact with skin. Avoid contact with clothing. Handle in accordance with good industrial hygiene and safety practices.

Environmental exposure controls Not available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance Grease

Physical state Liquid.

Form Grease

Colour Clear.

Odour Bland.

Odour threshold Not available.

pH Not applicable.

Melting point/freezing point Not available.

Boiling point, initial boiling point, and boiling range 360 °C (680 °F) estimated (Base Oil)

Flash point 250 °C (482 °F) Cleveland open cup (Base Oil)

Auto-ignition temperature 260 °C (500 °F) estimated (Base Oil)

Flammability (solid, gas) Not available.

Flammability limit - lower (%) Not available.

Flammability limit - upper (%)	Not available.
Oxidising properties	Not applicable.
Explosive properties	Not applicable.
Explosive limit	Not applicable.
Vapour pressure	0 hPa estimated
Density	872 kg/m ³
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Relative density	Not available.
Solubility (water)	Negligible
Solubility (other)	Oil

Information on basic physical and chemical properties

Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Bulk density	Not applicable.
Pour point	Not applicable.
Viscosity	104 cSt
Viscosity temperature	40 °C (104 °F)
VOC (Weight %)	0,01 % estimated
Percent volatile	0,01 % estimated

Other data

Flammability class	Combustible IIIB estimated
Other information	No relevant additional information available.

Section 10: Stability and reactivity

Reactivity	Strong oxidizing agents.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Avoid temperatures exceeding the flash point.
Incompatible materials	None known.
Hazardous decomposition products	No dangerous reaction known under conditions of normal use. At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

Section 11: Toxicological information

General information	Not available.
Information on likely routes of exposure	
Ingestion	Not available.
Inhalation	Not available.
Skin contact	Harmful in contact with skin.
Eye contact	Not available.
Symptoms	Not available.
Information on toxicological effects	
Acute toxicity	Harmful in contact with skin.

Product

Test results

No-Tox Food Grade Clear Grease 2 (Mixture)	Acute Oral LD50 Mouse: 2401,9216 g/kg estimated
	Acute Oral LD50 Rabbit: 2401,9216 g/kg estimated
	Acute Other LD50 Mouse: 160,1281 g/kg estimated

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Not available.
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Serious eye damage/eye irritation	Not available.
Respiratory sensitisation	Not available.
Skin sensitisation	Not available.
Germ cell mutagenicity	Not available.
Carcinogenicity	Not available.

IARC Monographs. Overall Evaluation of Carcinogenicity

MINERAL OILS, HIGHLY-REFINED (CAS 8042-47-5) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity	Not available.
Specific target organ toxicity - single exposure	Not available.
Specific target organ toxicity - repeated exposure	Not available.
Aspiration hazard	Not available.
Mixture versus substance information	Not available.
Other information	Not available.

Section 12: Ecological information

Toxicity

Product	Test results
No-Tox Food Grade Clear Grease 2 (Mixture)	EC50 Daphnia: 11300 mg/l 48 hours estimated LC50 Fathead minnow (Pimephales promelas): > 1000 mg/l 96 Hours NOAEC Fathead minnow (Pimephales promelas): 1000 mg/l

* Estimates for product may be based on additional component data not shown.

Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	Not available.
Mobility	Not available.
Environmental fate - Partition coefficient	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not available.
Other adverse effects	Not available.

Section 13: Disposal considerations

Waste treatment methods

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.

Section 15: Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations**

Other regulations The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations Not available.

Chemical safety assessment No Chemical Safety Assessment has been carried out.

Section 16: Other information

List of abbreviations Not available.

References Not available.

Information on evaluation method leading to the classification of mixture Not available.

Full text of any statements or R-phrases and H-phrases under Sections 2 to 15 None.

Revision information This document has undergone significant changes and should be reviewed in its entirety.

Training information Not available.

Disclaimer Bel-Ray Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

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Inventory status

Country(s) or region	Inventory name	On inventory (yes/no) *
Canada	Non-Domestic Substances List (NDSL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)