WINCH POLISH

1. IDENTIFICATION OF SUBSTANCE/MIXTURE and COMPANY

1.1 Product identifier
Trade name: WINCH POLISH

1.2 Identified pertinent uses of the substance/mixture and uses advised against
Detergent for metal surfaces. Professional polish.

1.3 Information on the supplier of the safety data sheet
Supplier
HARKEN ITALY S.p.A.
22070 Limido Comasco (COMO) Via Marco Biagi, 14

Person responsible for the safety data sheet:
info@harken.it

1.4 Emergency phone number:
031-3523511

2. IDENTIFICATION OF DANGERS

2.1 Classification of substance or mixture
Criteria of Directives 67/548/CE, 99/45/CE updated at the XXXI CE adjustment:
Properties / Symbols:
None
R phrases:
None

Harmful physical-chemical effects on human health and the environment:
No other risk

2.2 Label elements
Symbols:
None

R phrases:
None

S phrases:
S2: Keep out of reach of children

2.3 Other dangers
Results of PBT and vPvB tests
PBT: not applicable
vPvB: not applicable

Other risks:
No other risk

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
N.A.

3.2 Mixtures
Elements of the CLP/GHS label pursuant to Regulation 1272/2008/CE and Regulation 790/2009/CE (1° ATP CLP)
WINCH POLISH
Hazardous components pursuant to Directive CEE 67/548 and Regulation on classification, labelling and packaging of substances and formulations, and relative classification:

<table>
<thead>
<tr>
<th>CAS: 64742-47-8</th>
<th>Distillates (petroleum) hydrotreated light</th>
<th>10-25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 64742-48-9</td>
<td>Naphtha (petroleum) hydrotreated heavy</td>
<td>4 -6%</td>
</tr>
<tr>
<td>CAS: 1336-21-6</td>
<td>Ammonia in aqueous solution</td>
<td>1-5%</td>
</tr>
</tbody>
</table>

CAS substances: 64742-47-8 and 64742-48-9 are defined as UVCB (Unknown Variable Complex Reaction product or Biological Orig)

3.2 Composition (Regulation CE 648/2004)
Soap: 5 - 15%
Detergent for metal surfaces
Surfactant biodegradability: 90% (art. 2 - 4 Law 136/83)

4. FIRST AID

4.1 Description of first aid measures

In cases of contact with skin:
Immediately wash with abundant running water and if possible soap the parts of the body that the product has come into contact with.
IMMEDIATELY CONSULT A DOCTOR.
Wash all of the body (shower or bath).
Immediately take off any contaminated clothing and safely eliminate it.

In cases of contact with the eyes:
In cases of contact with the eyes, rinse them with water for an adequate space of time and keep the eyelids open.

In cases of ingestion:
Drink lots of water and immediately call a doctor.

In cases of inhalation:
Take person into the open air.

4.2 Main symptoms and effects, both acute and delayed
None.

4.3 Indication of eventual need to immediately consult a doctor and have special treatment.
In cases of accidents or malaise, immediately consult a doctor (if possible, show him/her the instructions for use or the safety sheet).
Treatment:
None

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing equipment
Suitable extinguishing means:
WINCH POLISH

5.2 Special hazards arising from the substance or mixture

5.3 Recommendations for fire-fighting personnel

6. MEASURES IN EVENT OF ACCIDENTAL SPILLAGE

6.1 Precautions, personal protection devices and emergency procedures

6.2 Environmental precautions

6.3 Methods and materials for containment and reclamation

6.4 References to other sections

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

7.2 Condition for safe storage, including possible incompatibilities

7.3 Specific end use(s)

8. CONTROL OF INDIVIDUAL EXPOSURE/PROTECTION

8.1 Control parameters

<table>
<thead>
<tr>
<th>Components whose limit values must be monitored in the workplace</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum) hydrotrated heavy: 64742-47-8</td>
</tr>
<tr>
<td>TLW/TWA</td>
</tr>
<tr>
<td>200 mg/m³</td>
</tr>
</tbody>
</table>

Ammonia, anhydrous: ILV (EU) - 8 H - [mg/m³]: 14
Ammonia, anhydrous: ILV (EU) - 8 H - [ppm]: 20
Ammonia, anhydrous: ILV (EU) - 15 min - [mg/m³]: 36
WINCH POLISH

Ammonia, anhydrous : ILV (EU) - 15 min - [ppm] : 50
Ammonia, anhydrous : TLV© - TWA [ppm] : 25
Ammonia, anhydrous : TLV© - STEL [ppm] : 35
Ammonia, anhydrous : Exposure limit values 8 hours (ppm) : 20
Ammonia, anhydrous : Exposure limit values 8 hours (mg/m³) : 14
Ammonia, anhydrous : Exposure limit values Short-term (ppm) : 50
Ammonia, anhydrous : Exposure limit values Short-term (mg/m³) : 36

8.2 Exposure controls
Protection of eyes:

Use anti-splash glasses

Skin protection:
Wear protective clothing

Protection of hands:
Wear protective gloves, eg. neoprene, etc..

Protection of respiratory tract:
Not necessary in normal use.

Heat risks:
None

Environmental exposure controls:
None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on general physical and chemical properties

Appearance:
Form: paste
Colour: pink
Smell: scented
pH (sol. 10%) : > 8
Boiling point: >100° C
Flash point: not applicable
Autoignition temperature: not applicable
Autoignition: product not self-igniting
Danger of explosion: product not explosive
Flammable limits:
lower: not applicable
upper: not applicable
Density at 20° C: 1.02 g/cm³
Relative density: not defined
Solubility in water: partially soluble
Dynamic viscosity: not defined
Kinematic viscosity: not defined

10. STABILITY AND REACTIVITY
WINCH POLISH

10.1 Reactivity
Stable in normal conditions

10.2 Chemical stability
Stable in normal conditions

10.3 Possibility of dangerous reactions
None

10.4 Conditions to avoid:
Stable in normal conditions

10.5 Incompatible materials:
None in particular.

10.6 Hazardous decomposition products:
None.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity:
Primary irritability
On the skin: may cause irritation
On eyes: may cause irritation
Sensitization: no sensitizing effects are known of

Further toxicological data on components:
Distillates (petroleum) hydrotrated light (CAS 64742-47-8): inhalatory rat toxicity LC50 > 5000 mg/m3; oral rat toxicity DL50 5000mg/kg;
Naphtha (petroleum) hydrotrated heavy CAS 64742-48-9): inhalatory rat toxicity LC50 > 4951 mg/m3; oral rat toxicity DL50 5000 mg/kg;
Ammonia: oral rat toxicity DL50 350 mg/kg;

On the basis of the method of calculation of the Community General Directive on the classification of formulations in its latest valid version, the product presents the following risks:
None

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Use according to good working practice and don’t let the product escape into the environment.

12.2 Persistence and degradability
None.

12.3 Potential bioaccumulation
Not applicable.

12.4 Mobility in the soil
Not applicable.

12.5 Results of PBT and vPvB testing:

12.6 Other adverse effects
None

13. CONSIDERATIONS ON DISPOSAL

13.1 Waste treatment methods
Recover if possible. Send to authorized disposal plants or incineration under controlled conditions. Operate in compliance with current provisions of local and national law.
SAFETY DATA SHEET
pursuant to Regulation 1907/2006 art.31 and Regulation 453/2010 Annex 1

WINCH POLISH

14. INFORMATION ON TRANSPORT

14.1 Hazardous goods for the intents and purposes of transport laws.
   UNO number
   ADR/RID, IMDG, IATA: Not applicable
   Name of shipment
   ADR/RID, IMDG, IATA: Not applicable

   Classes of danger connected with transport
   ADR/RID

   Class: -
   Label: -

   IMDG/IATA

   Class: -
   Label: -

   Packaging group
   ADR/RID, IMDG, IATA: -

   Dangers for the environment: -
   Marine pollutant: -
   Special precautions for Users: -
   Kemler number: -
   EMS number: -
   Segregation groups: -

   Transport of bulk according to annex II, MARPOL 73/78
   and IBC code: -

   Transport/further indications
   ADR
   Tunnel restriction code: -

15. REGULATORY INFORMATION

15.1 Standards and legislation on health, safety and environment specific to the substance or mixture
   legislative decree 3/2/1997 n. 52 (Classification, packaging and labelling of hazardous substances). D.Lgs 14/3/2003 n. 65
   (Classification, packaging and labelling of hazardous formulations). legislative decree 81/08 and integration Title IX (Risks
   arising from chemical agents during work). Ministry of Employment decree 26/02/2004 (Limits on professional exposure);

   Where applicable, refer to the following laws:
   Ministerial circulars 46 and 61 (aromatic amines).
   Legislative decree 238, 21 September 2005 (Seveso Ter Directive)
   Regulation CE n. 648/2004 (Detergents).
WINCH POLISH

15.2 Chemical safety testing
No

16. OTHER INFORMATION
Text of phrases used in section 3:
Relevant phrases

H226  Inflammable liquid and vapours.
H304  May be lethal in cases of ingestion and penetration of respiratory tract.
H314  Causes serious cutaneous burns and series ocular damage.
H336  May cause somnolence or giddiness.
H400  Very toxic for aquatic organisms.
R10   Inflammable
R34   Causes burns
R50   Highly toxic for aquatic organisms.
R65   Harmful: may cause damage to lungs if ingested.
R66   Exposure to vapours may cause dryness and cracking of skin.
R67   Inhalation of vapours may cause somnolence or giddiness.

This data sheet has been reviewed in all its section in conformity with Regulation 453/2010/UE.
This document was drafted by suitably trained expert in MSDS.
Main bibliographical sources:
- NIOSH - Registry of toxic effects of chemical substances (1983)
- I.N.R.S. - Fiche Toxicologique
- ECB - ESIS (European Chemical Substances Information System).
- Istituto Superiore di Sanità - Inventario Nazionale Sostanze Chimiche

The information contained herein is based on our knowledge as of the date indicated above. It refers solely to the product indicated and does not constitute a guarantee of particular qualities.
The user must make sure of the relevance and completeness of such information in relation to the specific use that is to be made of it.
This data sheet annuls and replaces all previous releases.

ADR: European agreement on international transport of hazardous goods by road.
RID: European agreement on international transport of hazardous goods by rail.
CAS: Chemical Abstract Service (division of the American Chemical Society).
CLP: Classification, Labelling, Packaging.
DNEL: Derived no-effect level.
EINECS: European Inventory of Existing Chemical Substances.
GHS: General harmonized system of classification and labelling of chemical products.
IATA: International Air Transport Association.
IATA-DGR: International Air Transport Association (IATA) Dangerous Goods Regulation.
ICAO: International Civil Aviation Organization.
LC50: Lethal Concentration for 50 per cent of the tested population.
LD50: Lethal Dose for 50 per cent of the tested population.
PNEC: Predicted No-Effect Concentration.
RID: European Regulation on international transport of hazardous goods by rail.
STEL: Short Term Exposure Limit.
STOT: Specific Target Organ Toxicity.
TLV: Target Limit Value.