

<b>MATERIAL SAFETY DATA SHEET</b>	Page : 1
	Revision nr : 1
<b>Bel-Ray 6 in 1</b>	Date : 26/5/2005
	Supersedes : 0/0/0
	<b>100260/02.03.01</b> <small>www.lisam.com</small>



Harmful

**Producer**

Bel-Ray Company Inc.  
P.O. Box 526  
111 Bowman Avenue  
NJ 07727 Farmingdale United States of America  
In case of emergency :

**Responsible for distribution**

Van Meeuwen Smeertechniek B.V.  
Korte Muiderweg 2A  
1382 LR Weesp Nederland  
In case of emergency : 0031 294 494 494

**1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

Trade name : Bel-Ray 6 in 1.  
Identification of the product : Liquid.  
Use : Industrial.  
Company identification : See distributor.

**2 COMPOSITION / INFORMATION ON INGREDIENTS**

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS No / EC No / EC Index	Symbol(s)	R-Phrase(s)
<u>Petroleum naphtha (aromatic)</u>	: 54 %	8052-41-3 / 232-489-3 / ----		10
<u>1,2,4-trimethylbenzene</u>	: 3 %	95-63-6 / 202-436-9 / 601-043-00-3	Xn N	10-20-36/37/38-51/53
<u>Mesitylene</u>	: 3 %	108-67-8 / 203-604-4 / 601-025-00-5	Xi N	10-37-51/53
<u>Mineral oils and ester (mixture)</u>	: 35 to 40 %	---- / ---- / ----		-
<u>Lubricant additives</u>	: 1 to 5 %	---- / ---- / ----		-

**3 HAZARDS IDENTIFICATION**

Risk Phrases : R10 - Flammable.  
Main hazards : Not expected to present a significant hazard under anticipated conditions of normal use.  
Toxic fumes may be released if heated above the decomposition temperature.  
Adverse human health effects : Harmful : may cause lung damage if swallowed.  
Not expected to present a significant hazard under anticipated conditions of normal use.  
Environmental hazard : Avoid release to the environment.

**4 FIRST AID MEASURES**

First aid  
- Inhalation : If you feel unwell, seek medical advice.  
Remove victim to fresh air.  
If not breathing, give artificial respiration.

## MATERIAL SAFETY DATA SHEET

Page : 2

Revision nr : 1

Date : 26/5/2005

Supersedes : 0/0/0

### Bel-Ray 6 in 1

**100260/02.03.01**

www.lisam.com

#### 4 FIRST AID MEASURES (continued)

- Skin contact : Remove contaminated clothing and shoes.  
Wash skin thoroughly with mild soap and water.  
Seek medical attention if irritation develops.
- Eye contact : Seek medical advice.  
In case of eye contact, immediately rinse with clean water for 10-15 minutes.
- Ingestion : Do not induce vomiting.  
If swallowed seek medical advice immediately and show this container or label.
- Note to physician : Treat symptomatically.

#### 5 FIRE-FIGHTING MEASURES

- Extinguishing media
- Suitable : Powder.  
Carbon dioxide.  
Alcohol foam.  
Dry chemical.
- Not to be used : Powerful water jet
- Special exposure hazards : Toxic fumes may be released if heated above the decomposition temperature.
- Protection against fire : Use self-contained breathing apparatus when in close proximity to fire.

#### 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear recommended personal protective equipment.  
May be dangerously slippery if spilled.  
Eliminate every possible source of ignition.  
Good ventilation of the workplace required.
- Environmental precautions : Prevent entry to sewers and public waters.
- After spillage and/or leakage : Clean up any spills as soon as possible, using an absorbent material to collect it.  
Collect spills and put it into appropriated container.  
Avoid release to the environment.

#### 7 HANDLING AND STORAGE

- Handling : Good ventilation of the workplace required.  
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.  
Wear suitable protective clothing.  
When using, do not eat, drink or smoke.
- Storage : Store in dry, cool, well-ventilated area.  
Avoid contact with sparks and flames.  
Keep container closed when not in use.  
Keep only in the original container in a cool, well ventilated place.  
Keep away from sources of ignition.
- Storage - away from : Strong oxidizing agents.

<b>MATERIAL SAFETY DATA SHEET</b>	Page : 3
	Revision nr : 1
<b>Bel-Ray 6 in 1</b>	Date : 26/5/2005
	Supersedes : 0/0/0
	<b>100260/02.03.01</b> <small>www.lisam.com</small>

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection	: Avoid all unnecessary exposure.
- Respiratory protection	: Not necessary in normal use.
- Skin protection	: In case of repeated or prolonged contact wear gloves. Wear suitable gloves.
- Eye protection	: Safety glasses. Even though no eye contact is expected under reasonable normal conditions of use, appropriate eye protection should be worn when handling this material.
MAC [mg/m3]	: Maximum acceptable concentration of oil mist.
	10 mg/m3, 15 min 5 mg/m3, 8 hrs

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid.
Colour	: Blue-green.
Odour	: Hydrocarbon.
pH value	: Not determined
Pour point [°C]	: Not determined
Initial boiling point [°C]	: Not determined
Density [kg/m3]	: 820 kg/m3 @ 20°C
Vapour pressure [bar]	: Negligible.
Viscosity at 40°C [mm2/s]	: 2 mm2/s
Solubility in water	: Negligible.
Flash point [°C]	: 43°C ASTM D 93
Ignition temperature [°C]	: Not determined
Explosion limits - lower [%]	: 45 g/m3

## 10 STABILITY AND REACTIVITY

Thermal stability	: Stable.
Hazardous decomposition products	: Carbon monoxide. Carbon dioxide. None under normal conditions. Toxic fumes may be released if heated above the decomposition temperature.
Materials to avoid	: Strong oxidizers.
Conditions to avoid	: Temperature exceeding flash point Sparks. Open flame.

## 11 TOXICOLOGICAL INFORMATION

Toxicity information	: When properly handled, the product is not dangerous for the human health. High concentrations of vapour or aerosol spray may irritate the respiratory passages and mucous membranes, causing dizziness, headache and nausea. This product may be absorbed through the skin, resulting in symptoms such as dizziness, headache and nausea.
----------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## MATERIAL SAFETY DATA SHEET

Page : 4

Revision nr : 1

Date : 26/5/2005

Supersedes : 0/0/0

### Bel-Ray 6 in 1

**100260/02.03.01**

www.lisam.com

#### 11 TOXICOLOGICAL INFORMATION (continued)

High concentrations cause irritation.

Rat oral LD50 [mg/kg] : > 5.000 mg/kg  
 Rabbit dermal LD50 [mg/kg] : > 10.000 mg/kg  
 Carcinogenicity : No carcinogenic suspected agent.

#### 12 ECOLOGICAL INFORMATION

On product : Avoid release to the environment.

#### 13 DISPOSAL CONSIDERATIONS

Disposal : Containers, or internal liners coming from a container, having contained this product are also considered as hazardous wastes.  
 Dispose in a safe manner in accordance with local/national regulations.

#### 14 TRANSPORT INFORMATION

Hazard Label(s)



Shipping name : UN 1993 BRANDBARE VLOEISTOF, N.E.G., 3, III  
 - UN No. : 1993  
 - H.I. nr : 30  
 - ADR/RID : Group : III  
 Class : 3  
 - IMO-IMDG  
 IMO Packing group : III  
 - Class : 3.3  
 - EMS-Nr : 3-07  
 - MFAG-Nr : 311  
 Air transport  
 - ICAO/IATA : 3  
 IATA Packing group : III, instruct. 309

#### 15 REGULATORY INFORMATION

Symbol(s) : Harmful.  
 R Phrase(s) : R10 - Flammable.  
 R65 - Harmful : may cause lung damage if swallowed.  
 S Phrase(s) : S02 - Keep out of the reach of children.  
 S16 - Keep away from sources of ignition - No smoking.  
 S29 - Do not empty into drains.  
 S46 - If swallowed seek medical advice immediately and show this container or label.  
 S51 - Use only in well-ventilated areas.

<b>MATERIAL SAFETY DATA SHEET</b>	Page : 5
	Revision nr : 1
<b>Bel-Ray 6 in 1</b>	Date : 26/5/2005
	Supersedes : 0/0/0
	<b>100260/02.03.01</b> <small>www.lisam.com</small>

## 16 OTHER INFORMATION

Further information : None.

The contents and format of this MSDS are in accordance with EEC Commission Directive 2051/58EC.

**DISCLAIMER OF LIABILITY** The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**End of document**