SAFETY DATA SHEET



1. Product and company identification

Product name Product code Synonyms

6 in 1 Multipurpose Lubricant

12300 6 in 1 Bel-Ray Company, LLC PO Box 526 Farmingdale, New Jersey USA 07727 1 732-938-2421 CHEMTREC: 1800 069 100 (AUS)

Bel-Ray Company, LLC P.O. Box 526 Farmingdale, NJ 07727 United States of America +1 732 938 2421 CHEMTREC: 800-424-9300 (USA) CHEMTREC: +1 703-527-3887 (outside USA - call collect)

Recommended use and Limitations on use

Not available.

2. Hazards identification

GHS classification

Physica	l hazards	Flammable liquids	Category 3
Health	hazards	Skin corrosion/irritation	Category 2
		Serious eye damage/eye irritation	Category 2B
		Sensitisation, skin	Category 1
		Reproductive toxicity	Category 2
		Specific target organ toxicity following single exposure	Category 2 (Lung)
		Specific target organ toxicity following single exposure	Category 3 respiratory tract irritation
		Specific target organ toxicity following single exposure	Category 3 narcotic effects
		Specific target organ toxicity following repeated exposure	Category 1 (Lung, skin)
Enviror	mental hazards	Hazardous to the aquatic environment, acute hazard	Category 1 (38.04% of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment.) (<@1> % of the mixture consists of component(s) of unknown hazards to the aquatic environment.)
		Hazardous to the aquatic environment, long-term hazard	Category 1 (28.04% of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment.) (<@1> % of the mixture consists of component(s) of unknown

Label elements Symbols

Signal word



Danger

hazards to the aquatic environment.)

Hazard statement	Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs (Lung). Causes damage to organs (Lung, skin) through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
Precautionary statement	
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapour. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves and eye/face protection. Use personal protective equipment as required. Wear protective gloves/eye protection/face protection. Use only outdoors or in a well-ventilated area.
Response	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician. Call a POISON CENTRE or doctor/physician if you feel unwell. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage. In case of fire: Use appropriate media for extinction.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

3. Composition/information on ingredients

Substance or mixture Mixture		
Chemical property	CAS Number	Concentration (%)
Stoddard solvent	8052-41-3	40 - < 50
Stoddard Solvent		
Distillates (petroleum), Hydrotreated Heavy Paraffinic	64742-54-7	0 - < 40
Distillates (petroleum), Solvent-refined Heavy Paraffinic	64741-88-4	0 - < 40
Residual Oils (petroleum), Solvent-refined	64742-01-4	0 - < 40
Hydrotreated Light Distillates (petroleum)	64742-47-8	10 - < 20
1,2,4-Trimethyl benzene	95-63-6	1 - < 3
1,2,4-trimethylbenzene		
2-Butoxyethanol	111-76-2	1 - < 3
2-butoxyethanol		
Calcium Petroleum Sulfonate	61789-86-4	< 1
Butylhydroxytoluene	128-37-0	< 0.3
Other components below reportable levels		5 - < 10

4. First aid measures

Inhalation	Move to fresh air. Call a POISON CENTRE or doctor/physician if you feel unwell.
Skin contact	Take off immediately all contaminated clothing. Wash off with soap and plenty of water. For minor skin contact, avoid spreading material on unaffected skin. If skin irritation occurs: Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a POISON CENTRE 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.
Potential delayed effects	Not available.
Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse.

Notes to physician

Not available.

5. Fire-fighting measures

Extinguishing media	Water fog. Dry powder. Carbon dioxide (CO2). Alcohol resistant foam. Dry chemicals.
Extinguishing media to avoid	Do not use water jet as an extinguisher, as this will spread the fire. Water.
HAZCHEM Code Number	None.
Specific hazards during fire fighting	By heating and fire, harmful vapours/gases may be formed.
Special fire fighting procedures	In the event of fire and/or explosion do not breathe fumes. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk.
Protection of fire-fighters	In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Water runoff can cause environmental damage.
Hazards from combustion products	Carbon monoxide and carbon dioxide.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch or walk through spilled material. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering them. Avoid inhalation of vapors or mists.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground.
Spill cleanup methods	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. This product is miscible in water.
	Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb spillage with non-combustible, absorbent material. Following product recovery, flush area with water. Prevent entry into waterways, sewer, basements or confined areas.
	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. For waste disposal, see section 13.
7. Handling and storage	
Handling	
Precautions	Obtain special instructions before use. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. Take precautionary measures against static discharges. Use personal protective equipment as required. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.
Safe handling advice	Do not handle until all safety precautions have been read and understood. Avoid contact during pregnancy/while nursing. Do not get this material in contact with skin. Avoid breathing mist or

pregnancy/while nursing. Do not get this material in contact with skin. Avoid breathing mist or vapour. Avoid contact with eyes. Avoid prolonged exposure. Use personal protection recommended in Section 8 of the MSDS.

Prevention of fire and
explosionAll equipment used when handling the product must be grounded. Use non-sparking tools and
explosion-proof equipment.

Storage

Suitable storage conditions

Store locked up. Keep away from heat, sparks and open flame. Store in cool place. Refrigeration recommended. Store in a well-ventilated place. Keep container tightly closed. Keep in an area equipped with sprinklers. Keep out of the reach of children.
Is Strong oxidizing agents.

Incompatible materials St Safe packaging materials Ke

8. Exposure controls/personal protection

Exposure limits

New Zealand. WES. (Workplace Exposure Standards)

Components	Туре	Value	Form
1,2,4-Trimethyl benzene (95-63-6)	TWA	123 mg/m3	
``		25 ppm	
2-Butoxyethanol (111-76-2)	TWA	121 mg/m3	
		25 ppm	
Butylhydroxytoluene	TWA	10 mg/m3	
(128-37-0)	IWA	10 119/113	
	CTEL	10	Miat
Distillates (petroleum),	STEL	10 mg/m3	Mist.
Hydrotreated Heavy			
Paraffinic (64742-54-7)	T 14/4	F / 0	
	TWA	5 mg/m3	Mist.
Distillates (petroleum),	STEL	10 mg/m3	Mist.
Solvent-refined Heavy			
Paraffinic (64741-88-4)			
	TWA	5 mg/m3	Mist.
Residual Oils (petroleum),	STEL	10 mg/m3	Mist.
Solvent-refined		-	
(64742-01-4)			
· · ·	TWA	5 mg/m3	Mist.
Stoddard solvent	TWA	525 mg/m3	
(8052-41-3)		626 mg/m8	
		100 ppm	
400111		100 ppm	
ACGIH	-		F a maa
Components	Туре	Value	Form
Hydrotreated Light Distillate	TWA	200 mg/m3	As Total Hydrocarbon
s (petroleum) (64742-47-8)			Vapor.
US. ACGIH Threshold Limit Valu	es		
Components	Туре	Value	Form
1,2,4-Trimethyl benzene	TWA	25 ppm	
		- F.F.	
(95-63-6)			
(95-63-6) 2-Butoxyethanol (111-76-2)	TWA	20 nnm	
2-Butoxyethanol (111-76-2)	TWA TWA	20 ppm 2 mg/m3	Inhalable fraction and
2-Butoxyethanol (111-76-2) Butylhydroxytoluene	TWA TWA	20 ppm 2 mg/m3	Inhalable fraction and
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0)	TWA	2 mg/m3	Inhalable fraction and vapor.
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent			
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3)	TWA TWA	2 mg/m3	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3) UK. EH40 Workplace Exposure I	TWA TWA Limits (WELs)	2 mg/m3 100 ppm	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene	TWA TWA	2 mg/m3	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3) UK. EH40 Workplace Exposure I Components	TWA TWA Limits (WELs)	2 mg/m3 100 ppm	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3) UK. EH40 Workplace Exposure I	TWA TWA Limits (WELs) Type	2 mg/m3 100 ppm Value	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3) UK. EH40 Workplace Exposure I Components 1,2,4-Trimethyl benzene	TWA TWA Limits (WELs) Type	2 mg/m3 100 ppm <u>Value</u> 125 mg/m3	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3) UK. EH40 Workplace Exposure I <u>Components</u> 1,2,4-Trimethyl benzene (95-63-6)	TWA TWA Limits (WELs) Type TWA	2 mg/m3 100 ppm <u>Value</u> 125 mg/m3 25 ppm	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3) UK. EH40 Workplace Exposure I <u>Components</u> 1,2,4-Trimethyl benzene (95-63-6)	TWA TWA Limits (WELs) Type	2 mg/m3 100 ppm Value 125 mg/m3 25 ppm 246 mg/m3	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3) UK. EH40 Workplace Exposure I <u>Components</u> 1,2,4-Trimethyl benzene (95-63-6)	TWA TWA Limits (WELs) Type TWA STEL	2 mg/m3 100 ppm Value 125 mg/m3 25 ppm 246 mg/m3 50 ppm	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3) UK. EH40 Workplace Exposure I Components 1,2,4-Trimethyl benzene	TWA TWA Limits (WELs) Type TWA	2 mg/m3 100 ppm Value 125 mg/m3 25 ppm 246 mg/m3 50 ppm 123 mg/m3	
2-Butoxyethanol (111-76-2) Butylhydroxytoluene (128-37-0) Stoddard solvent (8052-41-3) UK. EH40 Workplace Exposure I Components 1,2,4-Trimethyl benzene (95-63-6)	TWA TWA Limits (WELs) Type TWA STEL	2 mg/m3 100 ppm Value 125 mg/m3 25 ppm 246 mg/m3 50 ppm	

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Components	Туре	Value	Form
1,2,4-Trimethyl benzene (95-63-6)	TWA	123 mg/m3	
		25 ppm	
2-Butoxyethanol (111-76-2)	STEL	242 mg/m3	
-		50 ppm	
	TWA	96.9 mg/m3	
		20 ppm	
Butylhydroxytoluene (128-37-0)	TWA	10 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	5 mg/m3	Mist.

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

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Components	Туре	Value	Form
Distillates (petroleum),	TWA	5 mg/m3	Mist.
Solvent-refined Heavy		-	
Paraffinic (64741-88-4)			
Residual Oils (petroleum),	TWA	5 mg/m3	Mist.
Solvent-refined		-	
(64742-01-4)			
Stoddard solvent	TWA	790 mg/m3	
(8052-41-3)			
gineering controls	Explosion-proof general and local ex	haust ventilation.	
sonal protective equipme	nt		
Respiratory protection	When workers are facing concentrat certified respirators.	ions above the exposure limit th	ey must use appropriate
Skin protection	Wear suitable protective clothing W	ear protective aloves	

Skin protection	Wear suitable protective clothing. Wear protective gloves.
Eye/face protection	Avoid contact with eyes. Chemical goggles are recommended.
Radioactive or thermal hazards	Not available.

Hygiene measures When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practices.

9. Physical and chemical properties

•	
Appearance	
Physical state	Liquid.
Form	Liquid. Liquid.
Colour	Yellow Yellow
Odour	Petroleum Petroleum
рН	Not available.
Odour threshold	Not available.
Melting point/freezing point	-74.8 °C (-102.6 °F) estimated
Boiling point, Initial boiling point, and boiling range	> 149 °C (> 300.2 °F)
Flash point	43.00 °C (109.40 °F) Pensky-Martens Closed Cup
Auto-ignition temperature	210 °C (410 °F) estimated
Flammability limit - lower (%)	0.7 % estimated
Flammability limit - upper (%)	6 % estimated
Explosive limit	Not available.
Vapour pressure	2.586655143 hPa estimated
Density	834.00 kg/m3
Vapour density	Not available.
Evaporation rate	Not available.
Relative density	Not available.
Solubility	Negligible
Solubility (other)	Oil
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Viscosity	2.95 cSt ASTM D445
Percent volatile	62 %

Flammability class	Combustible II estimated
Flash point class	Combustible II
Specific gravity	0.834
Viscosity temperature	40 °C (104 °F)
VOC (Weight %)	48.5 %

10. Stability and reactivity

Stability	Risk of ignition.
Conditions to avoid	Heat, flames and sparks. Avoid temperatures exceeding the flash point.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Toxic gas. At thermal decomposition temperatures, carbon monoxide and carbon dioxide.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.

11. Toxicological information

Product	Species	Test results
6 in 1 Multipurpose Lubricant (M	ixture)	
Acute		
Dermal		
LD50	Rabbit	3405.3074 mg/kg, estimated
		2105.2642 g/kg, estimated
	Rat	21052.6328 g/kg, estimated
Inhalation		
LC50	Mouse	17500 mg/l, estimated
	Rat	10163.749 mg/l, estimated
Oral		
LD50	Guinea pig	30 g/kg, estimated
	Mouse	34271.8125 mg/kg, estimated
		30 g/kg, estimated
	Rabbit	8 g/kg, estimated
	Rat	4923.9819 mg/kg, estimated
		32.5382 g/kg, estimated
Other		
LD50	Mouse	21931.5742 mg/kg, estimated
	Rabbit	7000 mg/kg, estimated
	Rat	8500 mg/kg, estimated
Components	Species	Test results
1,2,4-Trimethyl benzene (95-63-		
Acute		
Dermal		
LD50	Rabbit	> 3160 mg/kg
Inhalation		
LC50	Rat	> 2000 mg/l, 48 Hours
Oral		
LD50	Rat	6 g/kg
2-Butoxyethanol (111-76-2)		
Acute		
<i>Dermal</i>	Dabbit	400 mg/kg
LD50	Rabbit	400 mg/kg
<i>Inhalation</i> LC50	Mouse	700 mg/L 7 Hours
LCOU	WIDUSE	700 mg/l, 7 Hours

Components	Species	Test results
	Rat	450 mg/l, 4 Hours
Oral		
LD50	Guinea pig	1.2 g/kg
	Mouse	1519 mg/kg
		1.2 g/kg
	Rabbit	0.32 g/kg
	Rat	560 mg/kg
		1.48 g/kg
Other		
LD50	Mouse	1130 mg/kg
	Rabbit	280 mg/kg
	Rat	340 mg/kg
Butylhydroxytoluene (128-37-0)		
Acute		
Oral		10700
LD50	Guinea pig	10700 mg/kg
	Mouse	1040 mg/kg
	Rat	890 mg/kg
* Estimates for product may	be based on additional component data i	not shown.
Routes of exposure	Inhalation. Skin contact. Eye contact.	
Symptoms	Corneal damage. Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Discomfort in the chest. Shortness of breath. Narcosis. Decrease in motor functions. Behavioural changes. Coughing. Oedema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria Defatting of the skin. Skin irritation. Irritant effects. Rash.	
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/irritation	Causes eye irritation.	
Respiratory sensitiser	Due to lack of data the classification is	s not possible.
Skin sensitiser	May cause an allergic skin reaction.	
	2-Butoxy ethanol may be absorbed the prolonged. These effects have not be	rough the skin in toxic amounts if contact is repeated and en observed in humans.
Germ cell mutagenicity	Based on available data, the classificat	tion criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.	
Toxic to reproduction	Suspected of damaging fertility or the	unborn child.
Specific target organ toxicity - single exposure	Respiratory tract irritation. Narcotic effects. May cause damage to organs (Lung).	
Specific target organ toxicity - repeated exposure	Causes damage to organs. Lung, skin. Causes damage to organs (Lung, skin) through prolonged or repeated exposure. Due to lack of data the classification is not possible.	
Aspiration hazard	Due to lack of data the classification is not possible.	
Chronic effects	Prolonged inhalation may be harmful.	May be harmful if absorbed through skin.
	2-Butoxy ethanol may be absorbed the prolonged. These effects have not be	rough the skin in toxic amounts if contact is repeated and en observed in humans.
Relevant negative data	Not available.	
12. Ecological information	on	

12. Ecological information

Ecotoxicological data

Product		Species	Test results
6 in 1 Multipurpose Lul	bricant (Mixture)		
Crustacea	EC50	Daphnia	389.346 mg/l, 48 hours, estimated

Product		Species	Test results
Fish	LC50	Fish	173.4583 mg/l, 96 hours, estimated
Components		Species	Test results
1,2,4-Trimethyl benzene (95-6	63-6)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	7.19 - 8.28 mg/l, 96 hours
2-Butoxyethanol (111-76-2) Aquatic			
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours
Butylhydroxytoluene (128-37- Aquatic	0)		
-	EC50	Water flea (Daphnia pulex)	1.44 mg/l, 48 hours
Hydrotreated Light Distillates ((petroleum) (64		5
Aquatic	(
-	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.4 mg/l, 4 days
* Estimates for product may b	e based on add	itional component data not shown.	
Ecotoxicity		in aquatic organisms is expected. Very tox	ic to aquatic life with long lasting effects
Persistence and degradability		ilable on the degradability of this product.	
Bioaccumulation			
Bioaccumulative potential Octanol/water partitio 2-Butoxyethanol	on coefficient l	0.83	
Stoddard solvent	-	3.16 - 7.15	
Mobility	•	s miscible in water.	
Other hazardous effects	Not available.		
13. Disposal consideration	ons		
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.		
Special precautions	Not available.		
14. Transport informatio	n		
International regulations			
ΙΑΤΑ			
UN number	UN1268		
Proper shipping name	Petroleum products, n.o.s.		
Hazard class Packing group	3		
Special transport	III Not available.		
precautions and			
conditions			
IMDG UN number	UN1268		
Proper shipping name		tillates, N.O.S. or PETROLEUM PRODUCTS,	n.o.s. (Stoddard solvent), Marine
Hazard class	3		
Packing group EmS No.			
Marine pollutant	F-E, S-E Yes		
Special transport precautions and conditions	Not available.		



Marine pollutant



15. Regulatory information

Applicable regulations

New Zealand Inventory of Chemicals (NZIoC): Registration status

1,2,4-Trimethyl benzene (CAS 95-63-6)
2-Butoxyethanol (CAS 111-76-2)
Butylhydroxytoluene (CAS 128-37-0)
Calcium Petroleum Sulfonate (CAS 61789-86-4)

16. Other information

References	Not available.
Issued by	
Not available.	
Prepared by	
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.
Issue date	22-September-2011
Revision date	02-July-2014

HSNO Approved HSNO Approved HSNO Approved

group standard

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group standard HSNO Approved

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