iShine ®

Nº 1 Rubbing Compound: Optimum iTriple Cut

Safety Data Sheet
According to Regulation (EC) No 1907/2006

Revision date: 06.04.18

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

1.1. Product identifier

Optimum iTriple Cut

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

Use of the substance/mixture

Abrasive

1.3. Details of the supplier of the safety data sheet

Company name:	International Coating Distribution B.V.
Street:	Stationsplein 8-k 6221 BT Maastricht Netherlands
Telephone:	+31 43 3607125 / +34 683 505 043
Website:	www.ishinecoatings.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008. 2.2. Label elements

2.2. Label elements

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH , annex X111.

SECTION 3: Composition/Information on ingredients

3.2. Mixtures

Chemical characterization

see below Labelling for contents according to regulation (EC) No. 648/2004,
Additional information: Abrasive, Paraffinum Liquidum, thickeners

Hazardous components

CAS No	Chemical name	Quantity
	EC No Index No REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)	10 - < 15 %
	918-481-9 01-2119457273-39	
	Asp. Tox. 1; H304 EUH066	
64742-46-7	Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene)	5 - < 10 %
	265-148-2 01-2119457735-29	
	Asp. Tox. 1; H304 EUH066	
8042-47-5	white oil	5 - < 10 %
	01-2119487078-27	
	Asp. Tox. 1; H304	
2682-20-4	2-Methyl-(2H)-isothiazol-3-on	<0,01 %
	220-239-6 01-2120764690-50	
	Acute Tox. 2, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 2; H330 H301 H314 H318 H317 H400 H411	
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one	<0,005 %
	220-120-9 613-088-00-6 01-2120761540-60	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400	
26530-20-1	octhilinone (ISO); 2-octyl-2H-isothiazol-3-one	<0,003 %
	247-761-7 613-112-00-5 01-2120768921-45	
	Acute Tox. 3, Acute Tox. 3, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H311 H302 H314 H317 H400 H410	

Full text of H and EUH statements: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004

15 % - < 30 % aliphatic hydrocarbons, < 5 % non-ionic surfactants, preservation agents (Methylisothiazolinone, Benzisothiazolinone, Octylisothiazolinone).

Further Information

viscosity, kinematic: >20,5 mm2/s (40°C).
The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

not applicable

solvent-free

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Wash hands before breaks and after work.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Do NOT induce vomiting.

Have victim drink large quantities of water, with active charcoal if possible.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible.

4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3. Indication of any immediate medical attention and special treatment needed

Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

The product itself does not burn.

5.2. Special hazards arising from the substance or mixture

No risks worthy of mention.

5.3. Advice for firefighters

No special fire protection measures are necessary.

SECTION 6:Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

High slip hazard because of leaking or spilled product.

6.2. Environmental precautions

Product may not be released into water without pre-treatment. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically.

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

SECTION 12: Ecological information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion
No special measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
No special measures are necessary.

Advice on storage compatibility
No special measures are necessary

Further information on storage conditions
Protect against: frost.
storage temperature:
of °C: 0 up to °C: 30

7.3. Specific end use(s)
Abrasive

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

Cas No	Substance	ppm	mg/m3	fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL
		-	-		STEL (15min)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
		-	-			WEL

8.2. Exposure controls

Protective and hygiene measures
No special measures are necessary.
Wash hands before breaks and after work.

Eye/face protection
Eye protection: not required.

Hand protection
Hand protection: not required.

Skin protection
Body protection: not required.

Respiratory protection
Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	viscous
Colour:	white
Odour:	odourless
	Test method
pH-Value (at 20 ºC):	7,5 - 8,5
Changes in the physical state	
Melting point:	not determined
Initial boiling point and boiling range:	100-220* °C

Flash point:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Ignition temperature:	not applicable

Oxidizing properties
not oxidizing

Vapour pressure:	
(at 20 ºC)	23 hPa
Density:	1,10 g/cm³
Water solubility:	partially miscible (emulsifiable)
Viscosity / dynamic:	8000-12000 mPa·s
(at 20 °C)	
Viscosity / kinematic:	>20,5 mm²/s
(at 40 °C)	
Solvent content:	0%

9.2. Other Information
* aliphatic hydrocarbons boiling temperature / boiling range 180-220°C

SECTION 10: Stability and reactivity

10.1. Reactivity
No risks worthy of mention.
10.2. Chemical stability
The mixture is chemically stable under recommended conditions of storage, use and temperature.
10.3. Possibility of hazardous reactions
No risks worthy of mention.
10.4. Conditions to avoid
No risks worthy of mention.
10.5. Incompatible materials
none
10.6. Hazardous decomposition products
Thermal decomposition can lead to the escape of irritating gases and vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity
Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure	Dose	Species	Source	Method
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)				
	oral	LD50 mg/kg >5000	rat		
	dermal	LD50 mg/kg >5000	rbt		
	inhalative vapour	LC50 ……..mg/l	Vapour pressure: to low	4h max. 5mg/l	
64742-46-7	Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene)				
	oral	LD50 mg/kg >5000	rat		OECD 401
	dermal	LD50 mg/kg >3160	Rabbit		OECD 402
	inhalative(4h)vapour	LC50 mg/l 5266mg/l	rat		OECD 403
8042-47-5	white oil				
	oral	LD50 mg/kg >5000	rat	OECD 401	
	dermal	LD50 mg/kg >2000	Rabbit	OECD 402	
	inhalative(4h)vapour	LC50 mg/l >5000	rat	OECD 403	
2682-20-4	2-Methyl-(2H)-isothiazol-3-on				
	oral	ATE mg/kg 100			
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one				
	oral	ATE mg/kg 500			
26530-20-	octhilinone (ISO); 2-octyl-2H-isothiazol-3-one				
	oral	ATE mg/kg 500			
	dermal	ATE mg/kg 300			

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met. Practical experience

Other observations

Has de-greasing effect on the skin.

After cleaning apply high-fat content skin care cream.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)						
	Acute fish toxicity	LC50	>1000 mg/l	96h	Oncorhynchus mykiss		
	Acute algae toxicity	ErC50	>1000 mg/l	72h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50	>1000	48h	Daphnia magna		
64742-46-7	Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene)						
	Acute fish toxicity	LC50	>1000 mg/l	96h			
	Acute algae toxicity	ErC50	>3000 mg/l	72h	Skeletonema costatum		
	Acute crustacea	EC50	>3000	48h			
8042-47-5	toxicity						
	Acute fish toxicity	LC50	>1000 mg/l	96h	Leuciscus idus	OECD 203	
	Acute algae toxicity	ErC50	NOEL >100 mg/l	72h	Pseudokirchnerella subcapitata	OECD 201	
	Acute crustacea toxicity	EC50	>100 mg/l	48h	Daphnia magna	OECD 202	

12.2. Persistence and degradability

Organic part of product is bio-degradable.
(Solvent.: Abiotic degradation in Air)
The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

CAS No	Chemical name			Source
	Method	Value	d	
	Evaluation			
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)			
		80%	28	
	Easily biodegradable (concerning to the criteria of the OECD)			

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No risks worthy of mention.

Further information

Doesn't get into the sewage water as long as the process is carried out according to regulations.

SECTION 13: Disposable considerations

13.1. Waste treatment methods

Advice on disposal

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste disposal number of waste from residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging.

Contaminated packaging

Water with tenside additive.

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5.Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No special measures are necessary.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

SECTION 15:Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

2004/42/EC (VOC): Volatile organic compounds (VOC) in percentage by weight: 0

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation):
Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable
not applicable
This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none
This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene) white oil
2-Methyl-(2H)-isothiazol-3-on
1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one
octhilinone (ISO); 2-octyl-2H-isothiazol-3-one

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 3,9,10,11,12,14,15.

Abbreviations and acronyms

2003/15/EG: contains a list of allergenic fragrance substances
648/2004 (EG): Detergents Regulation
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
TLV: Threshold Limiting Value (is a level to which it is believed a worker can be exposed day after day for a working lifetime without adverse effects)
ATEmix: Acute Toxicity Estimates of a mixture
CAS: Chemical Abstracts Service (subdivision of the American Chemical Society)
CAS no: a unique numerical identifier assigned by Chemical Abstracts Service to every chemical substance (rarely a group of substances), described in the open scientific literature
CLP, 1272/2008 (EC): Regulation of the european parliament on Classification, Labelling and Packaging of Substances and Mixtures
COD: chemical oxygen demand
DNEL: Derived No Effect Level
EC50: half maximal effective concentration (toxicity value), effect on 50% of the test population
EC: European Community
EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances
EN: European Standards
ErC50: median inhibitory concentration of growth rate (algal inhibition test), effect on 50% of the test population EUH-phrase (-Code): precautionary statement (EC-specified, not derived from GHS)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals (of the United nations)
hPa: Hectopascal (1000 hPa= 1bar)
H-phrase (-Code): hazardous statement
IATA: International Air Transport Association
IBC-Code: The IBC Code provides an international standard for the safe carriage in bulk by sea of dangerous chemicals
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
ISO: International Organization for Standardization
IUCLID: International Uniform ChemicaL Information Database
LC50: median lethal (killing) concentraion (toxicity value), effect on 50% of the test population
LD50: median lethal (killing) dose, effect on 50% of the test population
log Kow: partition-coefficient between octanol and water (measures how hydrophilic or hydrophobic a chemical substance is)
MARPOL: Maritime Pollution Convention
OECD: Organisation for Economic Co-operation and Development
OECD 301 (A-F: methods for determination of biodegradibility
PBT: persistent, bioacculumative and toxic (substances that have high resistance to degradation from abiotic and biotic factors, high mobility in the environment and high toxicity)
PNEC: Predicted No Effect Concentration
ppm: parts per million, 10000ppm=1%
P-phrase (-Code): precautionary statement
REACH, 1907/2006 (EC): Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Regulation concerning the Carriage of Dangerous Goods by Rail (
STOT RE: Specific Target Organ Toxicity (repeated exposure)
STOT SE: Specific Target Organ Toxicity (single exposure)
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent and very bioaccumulative (s.PBT)

Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.