

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

1.1. Product identifier

Product form : Mixture
 Product name : USISPACE/USIPACK/MASTERFLUID 4000 HP
 Product code : 225101
 Type of product : Lubricants
 Product group : Blend

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
 Use of the substance/mixture : Metal working fluids / rolling oils
 Function or use category : Lubricants and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

IGOL FRANCE
 614, rue de Cagny - CS 69003
 80094 AMIENS CEDEX 3 - France
 T +33 (0)3 22 50 22 22
msds@igol.com - www.igol.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
UNITED KINGDOM	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Dam. 1 H318
 Skin Sens. 1 H317

Full text of H-phrases: see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

1,2-Benzisothiazol-3(2H)-one, 1-phenoxypropan-2-ol

Hazard statements (CLP) :

H317 - May cause an allergic skin reaction
 H318 - Causes serious eye damage

Precautionary statements (CLP) :

P261 - Avoid breathing mist
 P280 - Wear protective gloves, eye protection
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P310 - Immediately call a POISON CENTER or doctor/physician
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
 P362+P364 - Take off contaminated clothing and wash it before reuse
 P501 - Dispose of contents/container to a hazardous or special waste collection point

USISPACE/USIPACK/MASTERFLUID 4000 HP

Safety Data Sheet

according to Regulation (EC) No. 453/2010

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1-phenoxypropan-2-ol	(CAS No) 770-35-4 (EC no) 212-222-7	1 - 5	Xi; R41	Eye Dam. 1, H318
Fatty alcohol polyglycoether	(CAS No) 68920-66-1 (EC no) 500-236-9	1 - 5	Xi; R38	Skin Irrit. 2, H315
Derivates of fatty alcohol	(CAS No) 69671-04-1	1 - 5	R52/53	Aquatic Chronic 3, H412
1,2-Benzisothiazol-3(2H)-one	(CAS No) 2634-33-5 (EC no) 220-120-9 (EC index no) 613-088-00-6	0,1 - 1	N; R50 R43 Xn; R22 Xi; R41 Xi; R38	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400
sodium hydroxide, caustic soda substance with national workplace exposure limit(s) (GB)	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	< 0,1	C; R35	Met. Corr. 1, H290 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Eye Dam. 1, H318

Specific concentration limits:

Name	Product identifier	Specific concentration limits: DSD/DPD	Specific concentration limits: CLP
1,2-Benzisothiazol-3(2H)-one	(CAS No) 2634-33-5 (EC no) 220-120-9 (EC index no) 613-088-00-6	(C >= 0,05) R43	(C >= 0,05) Skin Sens. 1, H317
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6	(0,5 <= C < 2) Xi; R36/38 (2 <= C < 5) C; R34 (C >= 5) C; R35	(0,5 <= C < 2) Skin Irrit. 2, H315 (0,5 <= C < 2) Eye Irrit. 2, H319 (2 <= C < 5) Skin Corr. 1B, H314 (C >= 5) Skin Corr. 1A, H314

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: When symptoms occur: go into open air and ventilate suspected area. Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see ... on this label). Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after inhalation	: May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Causes serious eye damage.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Dry powder. Carbon dioxide. Foam. Sand. AFFF foam. Water spray.
Unsuitable extinguishing media	: Do not use a heavy water stream. When cooling/extinguishing: no water in the substance.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Combustible under specific conditions.
Explosion hazard	: Not applicable.

USISPACE/USIPACK/MASTERFLUID 4000 HP

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Reactivity in case of fire	: Decomposes on exposure to temperature rise: release of harmful/irritant gases/vapours.
Hazardous decomposition products in case of fire	: Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

5.3. Advice for firefighters

Precautionary measures fire	: Post warning notices (including no smoking). Avoid ignition sources. No open flames, no sparks, and no smoking.
Firefighting instructions	: Evacuate area. Prevent fire-fighting water from entering environment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Use water spray or fog for cooling exposed containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Relevant water authorities should be notified of any large spillage to water course or drain. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.
6.1.1. For non-emergency personnel	
Protective equipment	: Concerning personal protective equipment to use, see section 8. Wear suitable protective clothing and gloves.
Emergency procedures	: Evacuate unnecessary personnel. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).
Measures in case of dust release	: Not applicable.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Clean up any spills as soon as possible, using an absorbent material to collect it. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Remove all floating oil before biological treatment/discharge. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Clean up any spills as soon as possible, using an absorbent material to collect it. Collect all waste in suitable and labelled containers and dispose according to local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information	: May be dangerously slippery if spilled.

6.4. Reference to other sections

For disposal of residues refer to section 13 : Disposal considerations". Concerning personal protective equipment to use, see section 8. See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Wash ... thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Comply with applicable regulations.
Storage conditions	: Store in original container. Keep container closed when not in use. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
Incompatible products	: See Heading 10. Strong bases. Strong acids.
Incompatible materials	: See Heading 10. Sources of ignition. Direct sunlight.
Prohibitions on mixed storage	: Oxidation agents.
Storage area	: Store away from heat. Floors should be impervious, resistant to liquids and easy to clean. Cannot withstand frost.
Special rules on packaging	: Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

sodium hydroxide, caustic soda (1310-73-2)		
United Kingdom	Local name	Sodium hydroxide

USISPACE/USIPACK/MASTERFLUID 4000 HP

Safety Data Sheet

according to Regulation (EC) No. 453/2010

sodium hydroxide, caustic soda (1310-73-2)

United Kingdom	WEL STEL (mg/m³)	2 mg/m³
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8.2. Exposure controls

Appropriate engineering controls	: Wash hands before breaks and after work. Do not breathe gas/vapour/aerosol.
Personal protective equipment	: Avoid all unnecessary exposure.
Materials for protective clothing	: Separate working clothes from town clothes. Launder separately
Hand protection	: protective gloves
Eye protection	: Eye protection should only be necessary where liquid could be splashed or sprayed. Chemical goggles or safety glasses
Skin and body protection	: Rinse and then wash skin thoroughly with water and soap
Respiratory protection	: Avoid the formation of mists in the atmosphere. If this material is handled at elevated temperature or under mist forming conditions, approved respiratory protection equipment should be used. Wear appropriate mask
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Emulsion.
Colour	: brown.
Odour	: characteristic.
Odour threshold	: No data available No data available
pH	: 8,5
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0,99
Solubility	: Miscible with water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored normally.

10.2. Chemical stability

Combustible product. Stable at ambient temperature and under normal conditions of use. Not established.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

USISPACE/USIPACK/MASTERFLUID 4000 HP

Safety Data Sheet

according to Regulation (EC) No. 453/2010

10.4. Conditions to avoid

All heat sources. Sparks. Open flame. Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong oxidizers. Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

LD50 oral rat	1020 mg/kg
LD50 oral	1020 mg/kg bodyweight
LD50 dermal rabbit	4115 mg/kg
LD50 dermal	> 2000 mg/kg bodyweight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0,1 mg/l/4h

Skin corrosion/irritation : Not classified

pH: 8,5

Serious eye damage/irritation : Causes serious eye damage.

pH: 8,5

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Derivates of fatty alcohol (69671-04-1)

LC50 fish 1	10 - 100 mg/l (Brachydanio rerio, 96h, OCDE 203)
EC50 Daphnia 1	10 - 100 mg/l (Daphnia magna, 24h, OCDE 202)
EC50 Daphnia 2	10 mg/l (Daphnia magna, 48h, OCDE 202)
ErC50 (other aquatic plants)	10 - 100 mg/l (Scenedesmus subspicatus, 72h, OCDE 201)
NOEC (chronic)	10 mg/l (Scenedesmus subspicatus, 72h, OCDE 201)
NOEC chronic fish	10 mg/l (Brachydanio rerio, OCDE 203)

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

LC50 fish 1	2,18 mg/l 96h (Oncorhynchus mykiss)
EC50 Daphnia 1	2,94 mg/l 48h (Daphnia Magna)
EC50 other aquatic organisms 1	> 0,07 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	> 1,35 mg/l IC50 alga (72 h) mg/l
ErC50 (algae)	0,11 mg/l 72h (Pseudokirchneriella subcapitata)

12.2. Persistence and degradability

Derivates of fatty alcohol (69671-04-1)

Persistence and degradability	Not readily biodegradable.
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12.3. Bioaccumulative potential

USISPACE/USIPACK/MASTERFLUID 4000 HP

Log Pow	No data available
Log Kow	No data available
Bioaccumulative potential	Not established.

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

Log Pow	1,3
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USISPACE/USIPACK/MASTERFLUID 4000 HP

Safety Data Sheet

according to Regulation (EC) No. 453/2010

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Recycling is preferred to disposal or incineration. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Take up liquid spill into absorbent material, e.g.: sand/earth.

Waste disposal recommendations : Dispose of contents/container to ...

Ecology - waste materials : Avoid release to the environment. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

European List of Waste (LoW) code : 13 01 05* - non-chlorinated emulsions

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
No dangerous good in sense of transport regulations.(ADR, RID, IMDG, IATA)				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

Special transport precautions : Not regulated or not hazardous

- Overland transport

Transport regulations (ADR) : Not subject

- Transport by sea

Transport regulations (IMDG) : Not subject

- Air transport

No data available

- Inland waterway transport

Not subject to ADN : No

- Rail transport

Transport regulations (RID) : Not subject

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

USISPACE/USIPACK/MASTERFLUID 4000 HP

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

Revision - See : *.

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training advice

: Normal use of this product shall imply use in accordance with the instructions on the packaging. (Read the technical data sheet).

Other information

: None.

Full text of R-, H- and EUH-phrases:

Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful 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
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects
R22	Harmful if swallowed
R35	Causes severe burns
R38	Irritating to skin
R41	Risk of serious damage to eyes
R43	May cause sensitisation by skin contact
R50	Very toxic to aquatic organisms
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
C	Corrosive
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

USISPACE/USIPACK/MASTERFLUID 4000 HP

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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