neodisher IP Spray

Version: 3 / GB | Replaces Version: 2 / GB | Date revised: 14.06.2021 | Print date: 20.01.23

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

1.1. Product identifier
neodisher IP Spray

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

PC14 Metal surface treatment products, including galvanic and electroplating products

1.3 Details of the Australian Importer

Address:	***gke*** Australia 12/22 Lexington Drive, Bella Vista NSW, Australia 2153
Business Telephone Number:	1300 889 201
Emergency Telephone Number:	Poisons Information Centre 13 11 26

1.4. Emergency telephone number
Emergency telephone number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Aerosol 1	H222
STOT SE 3	H336
Aquatic Chronic 2	H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

2.2. Label elements
Labelling according to regulation (EC) No 1272/2008

Hazard pictograms

Signal word

Danger

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains aliphatic hydrocarbons, C5-C6

2.3. Other hazards

No special hazards have to be mentioned.
The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

fatty alcohols, ethoxylated

CAS No. 68920-66-1
EINECS no. 500-236-9
Concentration >= 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Aquatic Acute 1	H400
Aquatic Chronic 3	H412

aliphatic hydrocarbons, C5-C6

CAS No. 64742-49-0
EINECS no. 931-254-9
Registration no. 01-2119484651-34
Concentration >= 25 < 50 %
Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225
Skin Irrit. 2	H315
STOT SE 3	H336
Asp. Tox. 1	H304
Aquatic Chronic 2	H411

Additional remarks:
CLP Regulation (EC) No 1272/2008, Annex VI, Note P

propane

CAS No. 74-98-6
EINECS no. 200-827-9
Concentration < 30 %
Classification (Regulation (EC) No. 1272/2008)

Flam. Gas 1	H220
Press. Gas	

Additional remarks:
CLP Regulation (EC) No 1272/2008, Annex VI, Note U

Butane
CAS No. 106-97-8
EINECS no. 203-448-7
Concentration < 30 %
Classification (Regulation (EC) No. 1272/2008)
Flam. Gas 1 H220
Press. Gas

Additional remarks:
CLP Regulation (EC) No 1272/2008, Annex VI, Note C, U

paraffin oil
CAS No. 8042-47-5
EINECS no. 232-455-8
Registration no. 01-2119487078-27
Concentration >= 10 < 25 %
Classification (Regulation (EC) No. 1272/2008)
Asp. Tox. 1 H304

Other information
Complete text of hazard statements in chapter 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
Remove contaminated clothing immediately and dispose of safely. In case of persistent symptoms consult doctor.

After inhalation
Ensure supply of fresh air.

After skin contact
No special measures required.

After eye contact
Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical advice immediately.

After ingestion
No special measures required.

4.2. Most important symptoms and effects, both acute and delayed
Until now no symptoms known so far.

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

Hints for the physician / hazards
In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Dry powder, Water spray jet, Foam

Non suitable extinguishing media

Compatible with all usual extinguishing media.

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible. If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus. Wear full protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away sources of ignition. Ensure adequate ventilation. Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Pick up rest with suitable absorbent materials. Dispose of as prescribed.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid impact, friction and electro-static loading; risk of ignition!. Provide good room ventilation even at ground level (vapours are heavier than air).

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. No smoking. Take action to prevent static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value	>	5	<	30	°C

Requirements for storage rooms and vessels

No special measures required.

Storage classes

Storage class according to TRGS 510	2B	Aerosol dispensers

Further information on storage conditions

Keep container tightly closed. Keep container in a well-ventilated place. Keep in a cool place

7.3. Specific end use(s)

no data

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

pentane				
List	EH40			
Type	WEL			
Value	1800	mg/m³	600	ppm(V)
pentane				
List	IOELV			
Type	IOELV			
Value	3000	mg/m³	1000	ppm(V)
Butane				
List	EH40			
Type	WEL			
Value	1450	mg/m³	600	ppm(V)
Short term exposure limit	1810	mg/m³	750	ppm(V)
Remarks: Carc if >= 0,1% buta-1,3-diene				

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Do not smoke during work time. Do not inhale gases/vapours/aerosols. Do not eat or drink during work time. Storage of foodstuffs in work rooms is forbidden. Take off immediately all contaminated clothing. Wash hands before breaks and after work.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Short term: filter apparatus, filter AX

Hand protection

Not necessary.

Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Aerosol
Colour	colourless
Odour	characteristic
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Boiling point or initial boiling point and boiling range	
Remarks	not determined
Flammability	
evaluation	not determined
Upper and lower explosive limits	
Remarks	not determined
Flash point	
Remarks	Not applicable

Ignition temperature

Remarks	not determined

Decomposition temperature

Remarks	
Remarks	not determined

pH value

Remarks	Not applicable

Viscosity

Remarks	not determined

Solubility(ies)

Remarks	not determined

Partition coefficient n-octanol/water (log value)

Remarks	not determined

Vapour pressure

Remarks	not determined

Density and/or relative density

Value	0,86		g/cm³
Temperature	20	°C	

Relative vapour density

Remarks	not determined

9.2. Other information

Odour threshold

Remarks	not determined

Evaporation rate (ether = 1) :

Remarks	not determined

Solubility in water

Remarks	slightly soluble

Explosive properties

evaluation	not determined

Oxidising properties

evaluation	None known

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Protect from heat and direct sunlight. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.5. Incompatible materials

Oxidising agents

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

Species	rat
LD50	> 2000 mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)

Acute dermal toxicity

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

Acute inhalational toxicity

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

Skin corrosion/irritation

evaluation: slightly irritant

Serious eye damage/irritation

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

Sensitization

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

Subacute, subchronic, chronic toxicity

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

evaluation: May cause drowsiness or dizziness.

Aspiration hazard

No special hazards have to be mentioned.

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

There is no data available on the product apart from the information given in this subsection.

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

fatty alcohols, ethoxylated

Species	zebra fish (Brachydanio rerio)			
LC50	10	to	100	mg/l
Duration of exposure	96	h		
Method	OECD 203			

aliphatic hydrocarbons, C5-C6

Species	Fathead minnow (Pimephales promelas)			
LC50	2,5			mg/l
Duration of exposure	96	h		

Bacteria toxicity (Components)

fatty alcohols, ethoxylated

Species	activated sludge		
EC50	>	1000	mg/l
Method	OECD 209		

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Results of PBT and vPvB assessment

The product contains no PBT or vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the envrionment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D		
14.1. UN number or ID number	1950	1950	1950
14.2. UN proper shipping name	AEROSOLS, flammable	AEROSOLS, flammable	Aerosols, flammable
14.3. Transport hazard class(es)	2	2.1	2.1
Label			
Limited Quantity	1 l	1 l	
Transport category	2		
14.5. Environmental hazards		no	

SECTION 15: Regulatory information

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

Major-accident categories acc. 2012/18/EU

Category	P3a	FLAMMABLE AEROSOLS	150	tonnes	500	tonnes

VOC

VOC (EU)	0	%

Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

Aerosol 1	H222
STOT SE 3	H336
Aquatic Chronic 2	H411

Hazard statements listed in Chapter 2/3

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Aerosol 1	Aerosol, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Gas 1	Flammable gas, Category 1
Flam. Liq. 2	Flammable liquid, Category 2
Press. Gas	Gases under pressure
Skin Irrit. 2	Skin irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses
IMDG: International Maritime Code for Dangerous Goods
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (MARPOL: Marine Pollution)
IBC: Intermediate Bulk Container
CAS: Chemical Abstracts Service
TSCA: Toxic Substances Control Act (USA)
VOC: Volatile Organic Compound
OEL: Occupational exposure limit
ISO: International Organization for Standardization
LD: Lethal dose
LC: Lethal concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very persistent and very bioaccumulative
SVHC: Substances of very high concern
IUCLID: International Uniform Chemical Information Database
OECD: Organisation for Economic Co-operation and Development
IMO: International Maritime Organization
WHO: World Health Organization
GHS: Globally Harmonized System of classification and Labelling of Chemicals
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals
UN: United Nations

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

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