Safety Data Sheet

QHA036/20LT INTERZINC 22 ????????

Version 1 **Revision Date** 10/21/13

1. Product and company identification

1.1. Product identifier INTERZINC 22 ????????

Product Code QHA036/20LT

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

Intended use Refer Technical Data Sheet.

Application Method Refer Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Manufacturer International Paint Taiwan
No. 20, Yumin St.,
Dafa Industrial Park
Daliao District, Kaohsiung City 83162,
Taiwan (R.O.C.)

Telephone No. 07-787 3959
Fax No. 07-787 3953
1.4. Emergency telephone number 07-787 3959
For Poisons Advice telephone For Advice to Doctors & Hospitals only

2. Hazard identification of the product

2.1. Classification of the substance or mixture

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.

[Prevention]:
[Response]:
[Storage]:
[Disposal]:

2.3. Other hazards

3. Composition/information on ingredients

This product contains the following hazardous substances.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
1-METHOXYPROPAN-2-OL **CAS Number: 0000107-98-2**	**25-50**	**Flam. Liq. 3;H226** **STOT SE 3;H336**	**[1][2]**

Ethanol **CAS Number: 0000064-17-5**	**10-25**	**Flam. Liq. 2;H225**	**[1][2]**
Kaolin **CAS Number: 0001332-58-7**	**10-25**		**[1][2]**
Xylene **CAS Number: 0001330-20-7**	**10-25**	**Flam. Liq. 3;H226** **Acute Tox. 4;H332** **Acute Tox. 4;H312** **Skin Irrit. 2;H315**	**[1][2]**
2-butoxyethanol **CAS Number: 0000111-76-2**	**2.5-10**	**Acute Tox. 4;H332** **Acute Tox. 4;H312** **Acute Tox. 4;H302** **Eye Irrit. 2;H319** **Skin Irrit. 2;H315**	**[1][2]**
Ethyl Benzene **CAS Number: 0000100-41-4**	**2.5-10**	**Flam. Liq. 2;H225** **Acute Tox. 4;H332**	**[1][2]**
Hydrochloric acid **CAS Number: 0007647-01-0**	**<1**	**Press. Gas;H280** **Acute Tox. 3;H331** **Skin Corr. 1A;H314**	**[1][2]**
2-Methoxy-1-propanol **CAS Number: 0001589-47-5**	**<1**	**Flam. Liq. 3;H226** **Repr. 1B;H360D** **STOT SE 3;H335** **Skin Irrit. 2;H315** **Eye Dam. 1;H318**	**[1]**

[1] Substance classified with a health or environmental hazard.
[2] Substance with a workplace exposure limit.
[3] PBT-substance or vPvB-substance.

*The full texts of the Hazard (H) phrases are shown in Section 16.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence do not require reporting in this section.

4. First aid measures

4.1. Description of first aid measures

General

Inhalation

Skin Contact

Eye Contact

Ingestion

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

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

5. Fire-fighting measures

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

7. Handling and storage

7.1. Precautions for safe handling

Handling

In Storage

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

8. Exposure controls and personal protection

8.1. Control parameters

Exposure standards are those provided by the ACGIH (American Conference of Government Industrial Hygenists).

Material	Short term (15 min. ave)		Long term (8hr time weighted average)		Comments
	ppm	mg/m³	ppm	mg/M3	
1-METHOXYPROPAN-2-OL	150	553	100	369	
2-butoxyethanol	15	45	25	121	
Ethanol	0.3	0.37	1000	1880	
Ethyl Benzene	125	543	100	434	
Water					
Xylene	150	651	100	434	

Key to notification

(P) Peak exposure limit
(R) Suppliers Recommended Limit
(Sk) There is a risk of absorption through unbroken skin
(Sen) Sensitiser
(Cat1) Category 1 - established human carcinogen
(Cat2) Category 2 - probable human carcinogen
(Cat3) Category 3 - substances suspected of having carcinogenic potential

DNEL/PNEC values

8.2. Exposure controls

Eye Protection

Skin Protection

Other

Respiratory Protection

Thermal hazards

9. Physical and chemical properties

Colour	
Odour	
Odour threshold	
pH	
Melting point / freezing point (°C)	
Initial boiling point and boiling range (°C)	
Flash Point (C)	
Evaporation rate (Ether = 1)	
Flammability (solid, gas)	
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1.1 (2-butoxyethanol) Upper Explosive Limit: 6.6 (Xylene)
Vapour pressure (Pa)	
Vapour Density	
Specific Gravity	0.00
Solubility in Water	
Partition coefficient n-octanol/water (Log Kow)	
Autoignition temperature (℃)	
Decomposition temperature	
Viscosity (cSt)	

9.2. Other information

No further information

10. Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr
1-METHOXYPROPAN-2-OL - (107-98-2)	5,000.00, Rat	13,000.00, Rabbit	Not Available	Not Available
2-butoxyethanol - (111-76-2)	470.00, Rat	220.00, Rabbit	Not Available	Not Available
2-Methoxy-1-propanol - (1589-47-5)	Not Available	Not Available	Not Available	Not Available
Ethanol - (64-17-5)	7,060.00, Rat	20,000.00, Rabbit	124.70, Rat	Not Available
Ethyl Benzene - (100-41-4)	3,500.00, Rat	15,433.00, Rabbit	17.20, Rat	Not Available

Hydrochloric acid - (7647-01-0)	900.00, Rabbit	5,010.00, Rabbit	Not Available	Not Available
Kaolin - (1332-58-7)	Not Available	Not Available	Not Available	Not Available
Xylene - (1330-20-7)	4,299.00, Rat	1,548.00, Rabbit	Not Available	20.00, Rat

Item	Category	Hazard
Acute Toxicity (mouth)	Not Classified	Not Applicable
Acute Toxicity (skin)	Not Classified	Not Applicable
Acute Toxicity (inhalation)	Not Classified	Not Applicable
Skin corrosion/irritation	Not Classified	Not Applicable
Eye damage/irritation	Not Classified	Not Applicable
Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	Not Classified	Not Applicable
Germ toxicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive Toxicity	Not Classified	Not Applicable
Specific target organ systemic toxicity (single exposure)	Not Classified	Not Applicable
Specific target organ systemic Toxicity (repeated exposure)	Not Classified	Not Applicable
Aspiration hazard	Not Classified	Not Applicable

12. Ecological information

12.1. Toxicity

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
1-METHOXYPROPAN-2-OL - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
Ethanol - (64-17-5)	42.00, Oncorhynchus mykiss	2.00, Daphnia magna	17.921 (96 hr), Ulva pertusa
Kaolin - (1332-58-7)	Not Available	Not Available	Not Available
Xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
2-butoxyethanol - (111-76-2)	220.00, Fish (Piscis)	1,000.00, Daphnia magna	Not Available
Ethyl Benzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Hydrochloric acid - (7647-01-0)	282.00, Gambusia affinis	260.00, Crangon crangon	Not Available
2-Methoxy-1-propanol - (1589-47-5)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

13. Disposal considerations

13.1. Waste treatment methods

14. Transport information

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)

Road and Rail Transport

IMDG reference :	**Class/Div**	**Sub Class**
	Ems	
ICAO/IATA	**Class**	**Sub Class**

14.4. Packing group

14.5. Environmental hazards

Road and Rail Transport	Environmentally Hazardous:
IMDG reference :	Marine Pollutant:

14.6. Special precautions for user

No further information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15. Regulatory information

The product and all its components complies with these local regulations:
NICNAS - Australia
EPA - New Zealand

Labor Health & Safety facility
Lead toxic prevention
Public Traffic safety
Toxic substance management
Hazard substance awarenessLead
Labor permit exposure limit of airborne concentration at work place
Waste treatment method and facility standard

16. Other information

The information on this SDS is based upon the present state of our knowledge and on current law. The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice.

It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

The information in this Safety Data Sheet is required according to legislation.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness and dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.

This SDS is valid for 5 years from the revised date on page 1.
The revision date is in American format (e.g. MM/DD/YY).

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