

SAFETY DATA SHEET

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1 Chemical product and company identification

- Product Name KUSAKABE "AQYLA" ARTISTS' ALKYD COLOURS
- Company Name KUSAKABE CORPOLATION
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2 Hazards identification

- GHS classification
 - Physical hazards Not classified
 - Health hazard Skin corrosion/irritation Category3
 - Environmental hazard Hazardous to the aquatic environment-acute hazard Out of category
 - Hazardous to the aquatic environment-chronic hazard Out of category

- GHS label elements

Pictograms

Signal word

Warning

Hazard statements

Causes mild skin irritation

- Precautionary statements

Prevention

Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not put in eyes.Do not swallow.
Keep away from heat/sparks/open flames/hot surfaces – No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Use only outdoors or in a well-ventilated area.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash skin thoroughly after handling
Do not eat, drink or smoke when using this product.
If swallowed: Immediately call a doctor.
Do not induce vomiting.

Response

If in eye:immediately wash with plenty of water.Remove contact lenses.Continue washing afterwards and receive treatment for the doctor.
If on skin: Wash with plenty of soap and water.
Avoid release to the environment.
If inhaled:move injured person into fresh air and keep person calm under observation.
Get medical advice/attention if you feel unwell.
If on skin(or hair): Take off immediately all contaminated clothing.
Rinse skin with water/shower.
Take off contaminated clothing.
If skin irritation or rash occurs: Get medical advice/attention.

Storage	<p>Do not induce vomiting.</p> <p>In case of fire: Use effective extinguishant for extinction.</p> <p>Collect spillage.</p> <p>Protect from sunlight. Store in a well-ventilated place.</p> <p>Seal the container which opened by all means once.</p> <p>Store in a well-ventilated place.Keep container tightly closed.</p> <p>Store in a cool, well-ventilated place.</p> <p>Store locked up.</p>
Disposal	<p>Dispose contents/container to in accordance with local/regional/national/international regulation.</p>

3 Composition/Information on ingredients

- Substance or Mixture	Mixture		
- Hazardous ingredients		Chemical Name	Weight %
		CAS No.	
	2-Butoxyethanol	1-3%	111-76-2

4 First-aid measures

- Ingestion	<p>Remove person to fresh air and keep comfortable for breathing.</p> <p>Keep warm by blanket and keep at rest. Get medical attention promptly.</p> <p>If breathing stops or breathing is weak:loosen clothing and practice artificial respiration after having found the breathing respiratory tract.</p>
- Skin contact	<p>Remove contaminated clothing immediately and wash skin with soap and water.</p> <p>Wash contaminated clothing before reuse.</p> <p>If skin irritation or rash occurs: Get medical advice/attention.</p> <p>If feel sick:call a doctor.</p>
- Eye contact	<p>If in eye:immediately wash with plenty of water.Remove contact lenses.Continue washing afterwards and receive treatment for the doctor.</p> <p>If eye irritation persists: Get medical advice/attention.</p>
- Ingestion	<p>Do not induce vomiting.</p> <p>If mouth is polluted:rinse mouth thoroughly.</p> <p>Do not gives anything to unconscious person.</p>

5 Fire-fighting measures

- Suitable extinguishing media	Water,Loaded stream extinguisher(fog),sand,Carbon dioxide,foam extinguisher
- Special Hazards	<p>In case of fire: formation of carbon monoxide and sulfurous acid gas.</p> <p>Combustion and an explosion may happen by generated steam,if come into contact with the high temperature metal surfaces.</p> <p>There is acidity and may produce toxic gas by fire.</p>
- Specific digestion method	<p>Do not bring pyrogen close to a cause.</p> <p>Move containers from fire area if you can do it without risk.</p>
- Protection of fire-fighting personnel	<p>On the occasion of fire extinguishing work, perform it by all means from windward.Wear an impermeable tool for protection and gloves,if skin is assumed.</p>

6 Accidental release measures

- Personal safety precautions	<p>Wear appropriate personal protective equipment.</p> <p>Eliminate all ignition sources.</p> <p>Put a rope and prohibit it from an entrance other than the person concerned.</p> <p>Guide people to the safe place.</p> <p>Ventilate enough.</p> <p>Because the place that it is shed is easy to be slippery, be careful.</p>
- Environmental precautions	<p>Avoid discharge into drains, water courses or onto the ground.</p>

- Preventive measures against second disasters
 - Let a non-inflammable adsorbent and sand absorb it and collect it in an airtight container.
 - Wipe off with an absorbent(ex:fabric) and collect it in an airtight container and dispose.
 - If leaked out contact the organization concerned immediately to prevent before the fact prevention and the expansion of the accident.
 - Remove a thing becoming the nearby firing source immediately and prepare extinguishant.

7 Handling and storage

- Safety handling precautions and Storage

Technical measures

Perform in a factory, a storage area, a handling place in content with a standard established by law,if handle it more than quantity of designation.

Avoid heat, sparks, open flames and other ignition sources.

Wear a tool for protection,if it touches skin and the hair.

Take electrostatic measures, and working clothes, the shoes use the conductive thing.

If repair the machinery which dangerous materials remain in or process it, perform it after putting it in the safe place, and completely removing dangerous materials.

Use pumus if take out of container.Must not draw it up with a mouth using a narrow tube.Do not drink.

Do not inhale a mist with respiratory organs by all means,if fog is generated.

Establish the washing eyes facilities and display the place clearly.

Use an explosion-proof machine, a device, absorption facilities, an appliance.

Perform enough ventilation,if use in room.

Because heavier than air, the steam generated from a product is easy to stay. Therefore attention to ventilation and fire is necessary.

Precautions for safe handling

Oxidizing agent. Strong bases. Reducing agents.

Wear protection gloves,when open container because in being hurt.

In the work area,perform enough ventilation and prevent outbreak of the steam.

Use a tool for protection for appointed individuals.Do not treat a container violently.

Do not handle until all safety precautions have been read and understood.

Do not touch ,suck,drink.

Do not get into eye.

Storage

Protect from sunlight. Store in a well-ventilated place.

display dangerous materials and keep .

Avoid heat, spark, a flame and electrostatic accumulation.

The electric apparatus to use in a storage area assumes explosion proof thing , and the instrumentation grounds.

After use, seal it up to prevent mixture.

Store locked up.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

8 Exposure controls/Personal protection

- Allowable concentration RCP-TWA

20ppm(2-Butoxyethanol)

- Facilities measures

When Myst occurs, become the sealing up of the outbreak source or establish the exhaus. Near a handling place, install facilities for the washing of eyes and physical washing.

- Protective equipment

Respiratory protection

It is not necessary, but usually wears gas masks (organic gas use) as needed.

Hand protection

Wear oil protection gloves-resistant.

Eye protection

Wear protection glasses.

Skin and body protection

Wear oil long sleeves work clothes-resistant, safety boots.

- Hygienic measures

Take off the wet clothes and reuse it after completely washing.

9 Physical and chemical properties

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|-----------------------|---------------------|
| ▪ Physical state | Paste |
| ▪ Odor | Characteristic odor |
| ▪ Flash point (°C) | >100°C |
| ▪ Solubility
water | Soluble |
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10 Stability and reactivity

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|--------------------------------------|--|
| ▪ Stability | Stable under normal handling condition. |
| ▪ Possibility of hazardous reactions | Avoid the contact with the strong oxidizer. |
| ▪ Conditions to avoid | Heating, a spark, a naked light, direct rays of the sun, contact with the blend most moving passage hazardous substance. |
| ▪ Contact avoidance | Halogen, strong acids, alkali, strong oxidizer, strong reducing agent, peroxide. |
| ▪ Hazardous decomposition products | On the occasion of combustion, smoke, carbon monoxide, sulfurous acid gas are produced. |
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11 Toxicological information

Skin corrosion/irritation

Category3

12 Ecological Information

- | | |
|---|-----------------|
| ▪ Hazardous to the aquatic environment-acute hazard | Out of category |
| ▪ Hazardous to the aquatic environment-chronic hazard | Out of category |
-

13 Disposal attention

- | | |
|---|---|
| ▪ Residual contents | Dispose of in accordance with local regulations. |
| ▪ Contaminated containers and packaging | The container wash and recycles, or take an appropriate step according to the standard of the law concerned and the local government.
When discard an empty container, completely remove contents in contents. |
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14 Transport Information

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|----------------------|-----|
| ▪ UN classification | |
| UN No. | N/A |
| Proper Shipping Name | - |
| Packing group | - |
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15 Regulatory Information

Comply with applicable laws and regulations.

16 Other Information

No	Product name	C.I.Name	CAS
001	QUNACRIDONE MAGENTA	PR122	16043-40-6
002	QUNACRIDONE RED	PV19	1047-16-1
003	PYRROLE RED	PR254	84632-65-5
004	PERYLENE MAROON	PR179	5521-31-3
005	ANTHRAQUINONE RED	PR177	4051-63-2
006	NAPHTHOL RUBINE	PR184	99402-80-9
007	NAPHTHOL SCARLET	PR188	61847-48-1
008	NAPHTHOL RED	PR170,PY83	2786-76-7,5567-15-7

009	PYRROLE VERMILION	PR254,PO73	84632-65-5,84632-59-7
010	PYRROLE VERMILION LIGHT	PY154,PO73	68134-22-5,84632-59-7
011	AURORA PINK	BV1,BV11	3068-39-1,73398-89-7
012	VULCAN ORANGE	PO16	6505-28-8
013	IMIDAZOLONE ORANGE	PO62	52846-56-7
014	BISMUTH YELLOW DEEP	PY184,PO73	14059-33-7,84632-59-7
015	BISMUTH YELLOW	PY184	14059-33-7
016	TITANIUM YELLOW	PY53	8007-18-9
017	TITANIUM BUFF	PBr24	68186-90-3
018	YELLOW OCHRE	PY42	51274-00-1
019	DISAZO YELLOW	PY83	5567-15-7
020	IMIDAZOLONE YELLOW	PY180	77804-81-0
021	MONOAZO YELLOW LEMON	PY3	6486-23-3
022	FRESH NO.1	PW6,PY83,PO62	13463-67-7,5567-15-7,52846-56-7
023	FRESH NO.2	PW6,PY184,PR254	13463-67-7,14059-33-7,84632-65-5
024	IVORY WHITE	PW6,PY180	13463-67-7,77804-81-0
025	TITANIUM COBALT GREEN	PG50	68186-85-6
026	PHTHALO GREEN BLUE SHADE	PB76	68987-63-3
027	PHTHALO GREEN	PG7	1328-53-6
028	PHTHALO GREEN YELLOW SHADE	PG36	14302-13-7
029	GREEN LIGHT	PY3,PG7,PY83	6486-23-3,1328-53-6,5567-15-7
030	YELLOW GREEN	PW6,PY3,PG7	13463-67-7,6486-23-3,1328-53-6
031	EMERALD GREEN	PY3,PW6,PG7	6486-23-3,13463-67-7,1328-53-6
032	OXIDE OF CHROMIUM	PG17	1308-38-9
033	TERRE VERTE	PBk7,PG17,PG8	1333-86-4,1308-38-9,16143-80-9
034	HOOKER'S GREEN	PG8	16143-80-9
035	SAP GREEN	PY110,PY83,PG7	106276-80-6,5567-15-7,1328-53-6
036	OLIVE GREEN	PG7,PY83,PBr25	1328-53-6,5567-15-7,6992-11-6
037	PALE GREEN	PW6,PG7,PB15:3,PY3	13463-67-7,1328-53-6,147-14-8,6486-23-3
038	ULTRAMARINE BLUE	PB29	57455-37-5
039	COBALT BLUE	PB28	1345-16-0
040	CERULEAN BLUE	PB35	68187-05-3
041	COBALT LIGHT BLUE	PB28	1345-16-0
042	PHTHALO BLUE RED SHADE	PB15:6	147-14-8
043	PHTHALO BLUE	PB15:3	147-14-8
044	BLUE GRAY NO.1	PW6,PV23,PB15:3	13463-67-7,6358-30-1,147-14-8
045	BLUE GRAY NO.2	PW6,PV23,PB15:6	13463-67-7,6358-30-1,147-14-8
046	AQUA BLUE	PW6,PG7,PB15:3	13463-67-7,1328-53-6,147-14-8
047	MARS VIOLET	PR101	1309-37-1
048	QUINACRIDONE VIOLET	PV19	1047-16-1
049	DEEP VIOLET	PV23,PB15:3	6358-30-1,147-14-8
050	DIOXAZINE VIOLET	PV37	57971-98-9
051	VIOLET	PW6,PV23,PV19	13463-67-7,6358-30-1,1047-16-1
052	BLUE VIOLET	PW6,PV23,PB15:6	13463-67-7,6358-30-1,147-14-8
053	LAVENDER	PW6,PV23,PB15:6	13463-67-7,6358-30-1,147-14-8
054	RED OXIDE	PR101	1309-37-1
055	RAW SIENNA	PR101,PY42,PBk6	1309-37-1,51274-00-1,1333-86-4
056	BURNT SIENNA	PR101,PY42,PBk6	1309-37-1,51274-00-1,1333-86-4
057	RAW UMBER	PR101,PY42,PBk11	1309-37-1,51274-00-1,12227-89-3
058	BURNT UMBER	PR101,PY42,PBk7	1309-37-1,51274-00-1,1333-86-4
059	TRANSPARENT YELLOW OXIDE	PY42	51274-00-1
060	TRANSPARENT RED OXIDE	PR101	1309-37-1
061	SEPIA	PR101,PBk6	1309-37-1,1333-86-4
062	IMIDAZOLONE BROWN	PBr25	6992-11-6
063	GRISAILLE GRAY NO.1	PW6,PBk28	13463-67-7,68186-91-4
064	GRISAILLE GRAY NO.2	PW6,PBk28	13463-67-7,68186-91-4
065	PAYNE'S GRAY	PBk1,PB15:6	13007-86-8,147-14-8
066	MARS BLACK	PBk11	12227-89-3
067	CARBON BLACK	PBk6	1333-86-4
068	TITANIUM WHITE	PW6	13463-67-7
069	MIXING WHITE	PW6	13463-67-7
070	PEARL GOLD	PW20	12001-26-2
071	PEARL BRONZE	PW20	12001-26-2
072	PEARL SILVER	PW20	12001-26-2

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