

# SAFETY DATA SHEET



KURUMA CLEAR 4:1 K4090 P/A

Rev.01/22

## 1. Identification of the substance/preparation and of the company/undertaking

Product name : KURUMA CLEAR 4:1 K4090 P/A  
Product type : Paint  
Product use : Auto Refinish  
Supplier/Manufacturer : TOA Performance Coating Corporation Co., Ltd.  
Address : 31/1 Moo 3, Debaratana Rd., KM.23, Bangsaothong,  
Amphur Bangsaothong, Samuthprakarn, 10540 Thailand.  
Tel. : +66(0)2335-5555  
Fax. : +66(0)2312-8928  
Emergency telephone number : +66(0)235-5555 #1999

## 2. Hazards identification

### Classification of the substance or mixture

Flammable liquid and vapour	Category 3
Skin corrosion / Irritation	Category 2
Serious eyes damage / Eyes irritation	Category 2
Respiratory sensitisation	Category 1
Reproductive toxicity	Category 1B
Specific target organ systemic toxicity-Single exposure	Category 1
Specific target organ systemic toxicity-Repeated exposure	Category 1
Aspiration Hazard	Category 1
Acute aquatic hazard	Category 2
Long-term aquatic hazard	Category 2

### GHS -Labelling

Pictogram symbols



Signal word : Danger

### Hazard statement

: H226 - Flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H360 - May damage fertility or the unborn child  
H370 - Causes damage to organs single exposure  
H372 - Causes damage to organs through prolonged or repeated exposure  
H401 - Toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

### Precautionary statement

: **Prevention**  
P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat/sparks/open flames/hot surfaces.– No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/lighting  
P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P261 - Avoid breathing dust/fume/gas/mist/ vapours/spray.  
P264 – Wash hand, mouth, etc. thoroughly after handling.  
P270 - Do not eat, drink or smoke when using thisproduct.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/eye protection/face protection  
P281 - Use personal protective equipment as required.  
P285 - In case of inadequate ventilation wear respiratory protection.

**Response**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off  
P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P307 + P311 - IF exposed: Call a POISON CENTER or doctor/physician.  
P308 + P313 - IF exposed or concerned: Get medical advice/attention.  
P314 - Get medical advice/attention if you feel  
P321 - Specific treatment  
P331 - Do NOT induce vomiting.  
P332 + P313 - If skin irritation occurs: Get medical advice/attention.  
P337 + P313 - If eye irritation persists: Get medical advice/attention.  
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
P362 - Take off contaminated clothing and wash before reuse.  
P370 + P378 - In case of fire: Use appropriate media for extinction.  
P391 - Collect spillage.

**Storage**

P403 + P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.

**Disposal**

P501 - Dispose of contents/container to appropriate waste site or reclaimer in accordance with local/ regional / nation or national regulations.

**3. Composition/information on ingredients**

<u>Chemical name</u>	<u>CAS No.</u>	<u>Concentration(%)</u>
Acrylic resin	Proprietary	55 - 65
Xylene	1330-20-7	25 - 30
Naphtha (Petroleum) light aromatic	64742-95-6	5 - 10

**4. First aid measures.**

General Advice : If symptoms persist, call a physician.  
Eye Contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minute.  
Get medical advice / attention.  
Skin Contact : Do NOT use solvents or thinner .Remove contaminated clothing immediately and Wash off with plenty of water .If skin irritation persists, get medical advice / attention.  
Inhalation : Move to fresh air. Get medical attention if symptoms occur. Risk of serious damage to the lungs.  
Ingestion : Rinse mouth with fresh water . Do not induce vomiting. Call a physician immediately. If vomiting occurs naturally, have victim lean forward.

**5. Fire-fighting measures**

**Extinguishing Media**



Skinprotection	:	Wear protective clothing
Bodyprotection	:	Wear protective clothing
Work/HygienicPractices	:	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

## 9. Physical and chemical properties

Appearance and Colour	:	Liquid, Clear
Odour	:	Solvent Odour
Odour Threshold	:	Not available
pH	:	Not available
Melting point/freezing point	:	Not available
initial boiling point and boiling range	:	Not available
Flash point	:	31 °C
Evaporation rate	:	Not available
Flammability (solid, gas)	:	Not available
Vapour pressure	:	Not available
Vapour density	:	Not available
Relative density at 25C	:	0.93 – 0.95 g/cm3
Solubility	:	None or poor in water
Log Pow	:	Not available
Auto ignition temperature	:	Not available
Decomposition temperature	:	Not available
Viscosity	:	Not available

## 10. Stability and reactivity

Reactivity	:	Not available
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Hazardous reactions will not occur under normal conditions.
Conditions to Avoid	:	High temperature, direct sunlight.
Materials to Avoid	:	Acid, alkaline and Strong oxidising agent and reducing agents or peroxide fumes.
Hazardous Decomposition	:	Carbon monoxide , Carbon dioxide toxic or asphyxiating gases

## 11. Toxicological information

Acute oral toxicity	:	ATE mix (oral/rat) 15262 mg/kg (Not classified)
Acute dermal toxicity	:	ATE mix (skin/rabbit) 15106 mg/kg (Not classified)
Acute inhalation toxicity	:	ATE mix (inhale/rat) 74.672 mg/L/4 hr (Not classified)
Skin corrosion / irritation	:	Causes skin irritation
Serious eye damage/eye irritation	:	Causes serious eye irritation
Respiratory sensitization	:	May cause allergy or asthma symptoms or breathing difficulties if inhaled
Skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	May damage fertility or the unborn child
STOT - single exposure	:	Causes damage to organs single exposure
STOT - repeated exposure	:	Causes damage to organs through prolonged or repeated exposure
Aspiration hazard	:	May be fatal if swallowed and enters airways

## 12. Ecological information

Acute aquatic hazard	:	Toxic to aquatic life
Long-term aquatic hazard	:	Toxic to aquatic life with long lasting effects
Persistence and degradability	:	Not rapidly degradability
Bioaccumulative potential	:	Not available

Mobility in soi : Not available  
Other adverse effects : Not available

### 13. Disposal considerations

Disposal methods : Dispose of contents in accordance with local/national and international regulations or handled by authorized waste collector in your country  
Container Management : Dispose of container in accordance with all local, regional, national and international regulations.

### 14. Transport information

UN.Number : 1263  
ProperShippingName : Paint  
UN.Class : 3  
PackingGroup : III  
Environmentalhazards : NO  
LandTransportation : Accord to each transportation under " ADR/RID code "  
AirTransportation : Accord to each transportation under " ICAO/IATA code "  
MaritimeTransportation : Accord to each transportation under " IMO/IMDG code "

### 15. Regulatory information

Thai regulation : Thai land Notification of Ministry of Industry Subject.  
List of hazardous substances B.E. 2556 (2013)  
: Thai land Notification of Ministry of Labour Subject.  
List of hazardous chemicals B.E. 2556 (2013)

### 16. Other information

Created : Jun , 2022  
References :  
1) <https://pubchem.ncbi.nlm.nih.gov/>  
2) [https://www.nite.go.jp/chem/english/ghs/all\\_fy\\_e.html](https://www.nite.go.jp/chem/english/ghs/all_fy_e.html)  
3) United States National Library of Medicine: ChemIDplus Lite (ID PLUS)  
<http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM>  
4) New Jersey Department of Health (DOH)  
<http://web.doh.state.nj.us/rtkhsfs/qrsearch.aspx>.  
5) International Uniform Chemical Information Database (IUCLID)  
<http://ecb.jrc.ec.europa.eu/esis/index.php?PGM=dat>  
6) CHEMTRACK  
<http://www.chemtrack.org/Chem-Result.asp>  
7) SIGMA-ALDRICH  
<http://www.sigmaaldrich.com/MSDS/MSDS/DisplayMSDSPage.do?>  
Occupational Safety & Health Administration (OSHA)  
<http://www.osha.gov/dts/chemicalsampling/toc/chmcas.html>

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