

SAFETY DATA SHEET GHS 1 0 0 6 1 5 1

1 IDENTIFICATION (PRODUCT AND COMPANY INFORMATION)

PRODUCT NAME BRAND : KURITA
(Followings are for tablets in case)

**USAGE : Chemicals for Treatment water.
In The Cleaning Of Metals, Removal Scale etc.**

COMPANY NAME : **KURITA-GK-CHEMICAL CO.LTD**

DEPARTMENT : QUALITY ASSURANCE DEPT.

ADDRESS Office :
TCH-Harderwijk. Wouterskampen 34,
3849BB Hierden. Netherlands. (Eroupe)
<http://www.kurita-gk-chemical.com/>

EMERGENCY COMMUNICATION : **KURITA-GK-CHEMICAL CO.LTD**

Phone: 06-4391-3431

DATE OF ISSUE : June 15 , 2010

2 HAZARDOUS IDENTIFICATION

HAZARDOUS INFORMATION : Not Applicable
According to the laws regulated in Japan

GHS CLASSIFICATION

EYE DAMAGE/IRRITATION : Category 1

SPECIFIC TARGET ORGAN TOXICITY(SINGLE EXPOSURE) : Category 2

Labeling:



Symbol :

Signal Word : Danger

Hazard statements : Causes serious eye damage
May cause damage to organs

Precautionary statement

Prevention : Wear eye protection/face protection
Do not breathe dust/fume/gas /mist/vapours/spray.
Wash contaminated clothing after handling.
Do not eat , drink or smoke when using this product.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a doctor.
IF exposed or if you feel unwell call a doctor.

Storage: Store locked up

Disposal : Dispose of contents/container in accordance with regional regulations.

KURITA AX-408E/KURITA PW-2011E/KURITA SM-4006E

3 COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE OR MIXTURE : Mixture

GENERAL NAMES	CHEMICAL COMPOSITION	CONTENT(%)	
White carbon	SiO ₂ · nH ₂ O	0.1~1.0	
Silicate	-	-	
Organic nitrogen Copper	-	-	
Corrosion inhibitor			
Phosphonate	-	-	
Magnesium Sterite	-	1 ~10	
Organic Nitrogen Compound	-	-	
Natural Organic compound	-	-	
Calcium Hydroxide	Ca(OH) ₂	1~10	
Phosphonate	-	-	
Organic Nitrogen Chlorine Stabilizer	-	-	
Ametryn	-	-	
GENERAL NAMES	MITI No.	CAS No.	MHLW No.
White carbon	1-548	112926-00-8	Published

Silicate	-	-	-
Organic nitrogen Copper	-	-	-
Corrosion inhibitor			
Phosphonate	-	-	-
Magnesium Sterite	2-611	557-04-0	Published
Organic Nitrogen Compound	-	-	-
Natural Organic compound	-	-	-
Calcium Hydroxide	1-181	1305-62-0	Published
Phosphonate			
Organic Nitrogen Chlorine Stabilizer	-	-	-
Ametryn	-	-	-

HAZARDOUS IMPURITIES

TOTAL MERCURY: Less than 0.01mg/kgHg	CYANOGEN: Less than 0.1mg/kgCN
ARSENIC : Less than 0.1mg/kgAs ₂ O ₃	TOTAL CHROMIUM: Less than 0.5mg/kgCr
LEAD : Less than 0.05mg/kgPb	CADMIUM : Less than 0.01mg/kgCd

4 FIRST-AID MEASURES

A INHALATION

Remove from exposed area immediately to fresh air. Keep warm and at rest. Take care for medical treatment.

B SKIN CONTACT

May cause irritation. Wash the affected area with plenty of water. Take off immediately contaminated clothing. Wash it with plenty of water. If burns occur, cover affected area securely with sterile, dry, loose-fitting dressing. Get medical attention.

C EYE CONTACT

May cause severe damage. Wash eyes immediately with large amount of water, occasionally lifting upper and lower eyelids for more than 15 minutes. Get medical attention immediately.

D INGESTION

Give large amount of water or milk immediately. Do not induce vomiting. Get medical attention immediately

5 FIRE-FIGHTING MEASURES

Keep away from the source of fire or cool containers with water in case of difficult transportation. Use water spray.

6 ACCIDENTAL RELEASE MEASURES

Wear protective clothing. After recover the tablets, then thoroughly rinse affected ground with plenty of water.

7 HANDLING AND STORAGE**A.OPERATION**

Operate with filter respirator, chemical safety goggles, working clothes with long sleeve and rubber globes to avoid inhalation, eye and skin contact.

B.STORAGE

Store product in tightly closed containers in the cool, dry and well-ventilated indoor area.

C.DEALING

Do not use empty containers for drinking water supply, etc.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMIT : Not Established.

PROTECTING EQUIPMENTS :Filter respirator, chemical safety goggles, working clothes with long sleeve and synthetic rubber globes.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : White tablet

pH : 8.4 ~ 9.4 (0.1%)

Bulk Density : Less than 1.38

WATER SOLUBILITY: Soluble veryslowly

FLASH POINT : None

Total nitrogen : 13.7%

Total phosphorus : 6.9%

10 STABILITY AND REACTIVITY

STABILITY : Stable on normal usage and handling.

11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : ORAL LD50 Rat : More than 5000 mg/kg
(Calculated from components' data)

12 ECOLOGICAL INFORMATION

FISH TOXICITY : L C 50 : Killifish (24hrs) : -

13 DISPOSAL CONDITIONS

PRODUCT : Never draw chemical directly to waste water line.

Request treatment to licensed industrial waste treatment company,.

PACKAGE : Empty used containers completely, dispose containers.

14 TRANSPORT INFORMATION

UN Class : Not Applicable UN No. : Not Applicable .

Prevent destruction by keeping away from water and careless dealing.

15 REGULATORY INFORMATION

The poisonous and deleterious substances control act : Not Applicable

Act on the Prohibition of Chemical Weapons and the Regulation of Specific
Chemicals : Not Applicable

Export trade control order : Not Applicable

Industrial safety and health act : Applicable

White carbon (silicate)

Magnesium Sterite

Calcium Hydroxide

: Article 57-2 Substance which SDS should be informed.

Fire and disaster management act : Not Applicable

Ship safety act : Not Applicable

Civil aeronautic act : Not Applicable Act

on port regulation : Not Applicable PRTR

law ¹: Applicable

Ametryn (2-methylthio-4-ethylamino-6-isopropylamino-s-triazine)

KURITA SX- 1281/KURITA ML-00E**COMPOSITION/INFORMATION ON INGREDIENTS**

hydrogen chloride (HCl), a [compound](#) of the elements [hydrogen](#) and [chlorine](#), a [gas](#) at room temperature and pressure. A solution of the gas in [water](#) is called [hydrochloric acid](#).

White carbon (silicate) Magnesium Sterite Calcium Hydroxide

Class 2 No.10 CAS No.834-12-8 28%

¹ Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof.

* According to the laws regulated in Japan.

16 OTHER INFORMATION

*The information herein may be revised by the newest knowledge.

*The information herein be only translated from SDS written in Japanese language and nothing should be assured.

<http://www.kurita-gk-chemical.com/>

E.O.D.