

MATERIAL SAFETY DATA SHEET

WAKAYAMA SEIKA KOGYO CO., LTD.

1-82, 1-Chome, Kozaika, Wakayama,

641-0007, Japan.

Tel : 073-423-3247 Fax : 073-426-5378

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL NAME : 2,2-Bis[4-(4-aminophenoxy)phenyl]propane
COMMON NAME : BAPP, BAPP-HG
PRODUCER : WAKAYAMA SEIKA KOGYO CO., LTD.
ADDRESS : 1-82, 1-Chome, Kozaika, Wakayama, 641-0007, Japan.
EMERGENCY PHONE : +81-73-423-3247
FORMULA : $C_{27}H_{26}N_2O_2$
MOLECULAR WEIGHT : 410.5
CAS # : 13080-86-9
TSCA : On inventory
EINECS # : 2359858
JECS # : 4-1581
DATE PREPARED : December. 10, 2008

2. HAZARDS IDENTIFICATION

Pictogram :



Signal word : Warning

Hazard Statement : May be harmful if ingested.

May cause eye, skin and respiratory irritation.

3. COMPOSITION INFORMATION

Component	CAS #	Amount
2,2-Bis[4-(4-aminophenoxy)phenyl]propane	13080-86-9	≥ 99 %

4. FIRST AID PROCEDURES

Inhalation : Leave contaminated area immediately : breathe fresh air. If coughing, difficult breathing or any symptoms develop, seek medical attention at once.

Eye Contact : Remove any contact lenses at once. Immediately flush eyes with plenty of water for at least 20 to 30 minutes. Consult a physician if necessary.

Skin Contact : Immediately flush skin with plenty of water for at least 15 minutes while

removing contaminated clothing and shoes under the water stream. Isolate contaminated clothing to prevent contact by others. Consult a physician if necessary.

Ingestion : Consult a physician at once.

5. FIRE FIGHTING MEASURES

FLASH POINT	:	No data.
FLAMMABLE LIMIT	:	No data.
EXTINGUISHING MEDIA	:	Water, CO ₂ , Foam.
SPECIAL FIRE FIGHTING PROCEDURES	:	If exposure to fume is likely, provide respiratory protection specified in SECTION 8.
UNUSUAL FIRE AND EXPLOSION HAZARDS	:	If product is exposed to fire or intense heat, toxic fumes may be generated.

6. ACCIDENTAL RELEASE MEASURES

Keep waste disposal equipment as close as possible to work areas involving operations where there is potential of generation of dusts. Spills should be cleaned up promptly by authorized trained personnel. Isolate hazard area. Wet down spill with water or wet sand and transfer to properly labeled drum for disposal.

Large area clean-up can be achieved by treating with 3–4% of sodium hypochlorite solution.

Wear appropriate protective equipment for solutions being handled. Treat all used protecting equipment and collected clean-up solution as contaminated waste.

For lab scale handling, decontamination of surfaces or equipment can be achieved by treating with 3–4% of sodium hypochlorite solution. Wear appropriate protective equipment for solution being handled.

Treatment, storage, transportation and disposal must be in accordance with applicable governmental and local regulations.

7. HANDLING AND STORAGE

Handling must be carried out by authorized trained personnel only.

Store the container at prescribed place after its cover is tightened.

Avoid high temperature and humidity. Do not reuse the drum.

OTHER PRECAUTION : Avoid contact with skin, eyes and clothing. Avoid breathing dust.

Wash clothing every day. Take hot shower using soap after work.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION	:	Local exhaust ; required.
EYE PROTECTION	:	Safety glasses. Chemical goggles.
PROTECTIVE GLOVES	:	Butyl rubber gloves.

RESPIRATORY PROTECTION : Approved respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Off-white powder.
ODOR	:	odorless
BOILING POINT	:	No data
VAPOR PRESSURE (mm Hg)	:	No data.
SOLUBILITY IN WATER	:	Insoluble in water
SPECIFIC GRAVITY (Water = 1)	:	1.21
MELTING POINT	:	128°C
VOLATILITY	:	No data.
VAPOR DENSITY	:	No data.

10. STABILITY AND REACTIVITY

STABILITY	:	Stable.
CONDITIONS TO AVOID	:	High temperature and humidity.
INCOMPATIBILITY	:	Strong oxidizing agent.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS	:	Oxides of nitrogen.
HAZARDOUS POLYMERIZATION	:	Will not occur.

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE (TLV)	:	Not established.	
PERMISSIBLE EXPOSURE LIMIT	:	Not established.	
TOXICITY	ACGIH	:	Not listed
	IARC	:	Not listed
	Ames Test	:	Negative
	Acute Toxicity	:	LD50 406mg/kg(oral, rat)

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

See Section 6.

14. TRANSPORT INFORMATION

UN HAZARD CLASS : Not regulated
UN NO. : None

15. REGULATORY INFORMATION

See Section 1.

16. OTHER INFORMATION

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or suitability for a particular application.