

**EC - SAFETY DATA SHEET**  
Product Identification **KP - Primer 1**

**1. Product Identification and Manufacturer**

- 1.1 Product information**  
Commercial product name **KP - Primer 1**
- 1.2 Manufacturer's name/Supplier**  
Manufacture / Supplier **Kimoto Ltd**  
Addressee **Schwamendingenstr. 5**  
**CH - 8050 Zürich**  
Telephone / Telefax **+41 1 211 4747 / +41 1 311 40 31**  
Information **Phone no.**
- 1.2 Emergency phone numbers**  
Emergency phone no. CH **Emergency phone no.**  
Swiss TOX Centre 01 251 51 51

**2. Product Characterisation**

2.1 Chemical composition	CAS-N	EC-No	Identification	Prop	Code (%)	R-Codes
	83-86-3		Phytic acid			
	124-04-9	607-144-00-9	Adipic acid		Xi	36
	141-82-2		Malonic acid		Xn	22-36-38
	497-19-8	011-005-00-2	Soda ash		Xi	36
	111-76-2	603-014-00-0	Butyl cellosolve		Xn	20/21/22/37
	532-32-1		Sodium benzolate			
	54-21-7		Sodium salicylate		Xn	22
	4418-26-2		Sodium dehydroacetate			Xn 22
			Water			
<u>Further information</u>						

**3. Potential Dangers**

- 3.1 Human being**  
Harmful by inhalation, in contact with skin and if swallowed.
- 3.2 Environmental**

**4. First Aid - Measures**

- 4.1 Inhalation**  
Bring out of area of risk and supply plenty of fresh air, if necessary contact medical assistance.
- 4.2 Skin contact**  
Wash thoroughly with soap and water. Remove contaminated clothes.
- 4.3 Eye contact**  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 4.4 Ingestion**  
Drink one or two glasses of salty water and induce vomiting by sticking finger down the throat. Then call medical assistance.

## 5. Measures in Case of Fire

- 5.1 **Suitable extinguish media:** Dry chemical, CO<sub>2</sub>, Halogen agent
- 5.2 **Not to be used as extinguishing media:**
- 5.3 **Unusual fire / explosion hazards or hazardous decomposition products:**
- 5.4 **Special protective equipment for fire combat**  
Use self contained air supply for respiratory and wear protective clothes to prevent contact with skin and eyes

## 6. Measure in case of Accidental Release

- 6.1 **Human related safety purposes**  
see 8.3 "Personal protective equipment"
- 6.2 **Environmental protection measures and cleaning**  
Flush product with plenty of water in the sewer

## 7. Handling and Storage Procedures

### 7.1 Handling

- 7.1.1 Information for secure handling  
Seek for sufficient ventilation in working area, Wash hands after handling.
- 7.1.2 Information for fire and explosion

### 7.2 Storage

- 7.2.1 Requirements on storage rooms and containers
- 7.2.2 Incompatible products  
Avoid contact with strong oxidising agents
- 7.2.3 Further information / Storage classification

**EC - SAFETY DATA SHEET**Product Identification **KP - Primer 1****8. Working Place Safety and Personal Protective Equipments****8.1 Additional hints for design of working places**

Prepare personal protective equipment, see 8.3

**8.2 Substances with working place related limits, to be controlled**

CAS-No. Characterisation Type Value Unit

**8.3 Personal protective equipments**

## 8.3.1 Industrial hygiene and general protective measurements

Do not take internally. Ventilation in working area should be sufficient. Remove and wash contaminated clothes immediately. Wash hands after handling.

## 8.3.2 Respiratory protection

## 8.3.3 Hand protection

water proof gloves, from latex, dry rubber or neoprene

## 8.3.4 Eye protection

Protective glasses

## 8.3.5 Body protection

Rubber or plastic apron

**9. Physical and Chemical Properties****9.1 Appearance**9.1.1 **Form:** Liquid 9.1.2 **Colour** light pink 9.1.3 **Odour** alcohol**9.2 Safety related information**

9.2.1	Boiling point/range (°C)	100	Melting point/range (°C)	
9.2.2	Flash Point (°C)		in closed melting pot (°C)	
9.2.3	pH-Value, conc.		pH-Value, 1% in water	
9.2.4	Inflammability(EG A10/A 13)			
9.2.2	Flash point (°C)		in closed melting pot (°C)	
9.2.5	Ignition temperature (°C)			
9.2.6	Self ignition (EGA16)			
9.2.7	Fire supporting characteristics			
9.2.1	Boiling point/range (°C)	100	Melting point/range (°C)	
9.2.8	Danger of explosion			
9.2.9	Explosion limits (Vol % lower)		(Vol % upper)	
9.2.10	Thermal decomposition (°C)			

**9.3 Other characteristics**

9.3.1	Density (g/ml)	1,04	
9.3.2	Solubility		complete in water
9.3.3	Vapor pressure (mbar)		0.023
9.3.4	Vapor density (Air=1)		1
9.3.5	Distribution coefficient n-Octanol/H2O		
9.3.6	Viscosity		
9.3.7	Solvent separation test		
9.3.8	Solvent concentration (Gew.%)		
9.3.9	Evaporation number		
9.3.10	Chem. Oxygen Demand COD (mg/l)		
9.3.11	Biochem. Oxygen demand BOD5 (mg/l)		

## 10. Stability and Reactions

- 10.1 **Conditions to avoid**  
Avoid exposure to high heat sources, open flames and strong oxidising agents
- 10.2 **Substances to keep away from**  
Avoid contact with strong oxidising agents
- 10.3 **Hazardous decomposition products**

## 11. Information on Toxicity

- 11.1 **Acute toxicity**
- 11.2 **Subacute to chronic toxicity**
- 11.3 **Experience on human being / other information**  
May be mild irritation of skin, eyes, nose and throat. Prolonged and repeated over-exposure may cause dermatitis

## 12. Information on Ecological Effects

- 12.1 **Information about degradation**
- 12.1 **Influence on biological sewage treatment plants**
- 12.3 **Other information**

## 13. Disposal

- 13.1 **Recommendation for product rests**  
Dispose in compliance with applicable local, county, state or federal regulations regarding health and environment.
- 13.2 **Recommendation for contaminated packing material**  
Dispose in compliance with applicable local, county, state or federal regulations regarding health and environment.

## 14. Information on Transport

- 14.1 **Transport on road**  
ADR/RID/GGVs/GGVE class No/Letter  
Correct technical declaration
- 14.2 **Transport by ship**  
IMDG/GGVSea-Class UN-No.:  
EmS-No MFAG:  
Marine pollutant:  
Correct technical declaration
- 14.3 **Air transport**  
ICAO/IATA - Class UN/ID-No.:  
Correct technical declaration

**EC - SAFETY DATA SHEET**

Product Identification

**KP - Primer 1****15. Regulations****15.1 Declaration**

Safety symbols

Xn / Xi

Safety declaration

low toxicity /

Compounds

Xn: Malonic Acid, Na-salicylate, Na-dehydroacetate,

Xi Adipic acid, soda ash

**R-codes**

20/21/22

Harmful by inhalation, in contact with skin and if swallowed

36/37/38

Irritating to eyes, respiratory organs and skin

**S-codes**

24-25

Avoid contact with eye and skin

26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**Special declarations****15.2 National declarations****16. Further Information**

This information is based on the knowledge and experience made until the date of the elaboration of this document, without any guarantee related to the products characteristics