

Material Safety Data Sheet (MSDS)

Product: Paraformaldehyde



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REGISTERED OFFICE:

302, Devarc Commercial Complex,
Nr.ISKCON Cross Roads, S.G. Road,
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MANUFACTURING UNITS

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- Mumbai (Maharashtra)

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TABLE OF CONTENTS

MATERIAL SAFETY DATA SHEET (MSDS): PARAFORMALDEHYDE PRILLS

SECTION 1: IDENTIFICATION.....	3
SECTION 2: HAZARDS IDENTIFICATION.....	3
SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS.....	4
SECTION 4: FIRST AID MESURES.....	5
SECTION 5: FIRE FIGHTING MEASURES.....	5
SECTION 6: ACCIDENT RELIEF MEASURES.....	5
SECTION 7: HANDLING & STORAGE.....	6
SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION.....	6
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.....	9
SECTION 10: STABILITY AND REACTIVITY.....	9
SECTION 11: TOXICOLOGICAL INFORMATION.....	9
SECTION 12: ECOLOGICAL INFORMATION.....	10
SECTION 13: DISPOSAL CONSIDERATIONS.....	10
SECTION 14: TRANSPORT INFORMATION.....	10
SECTION 15: REGULATORY INFORMATION.....	11
SECTION 16: OTHER INFORMATION.....	12

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SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFICATION

Trade name	:	Paraformaldehyde Prills
EC-No.	:	608-494-5
CAS-No.	:	30525-89-4
UN-No. (ADR)	:	2213
CSSL no	:	(9)-1941
ISHL no	:	(9)-1941
KECI-No.	:	KE-27818
Formula	:	(CH ₂ O) _x
Other means of identification	:	Polyoxymethylene, Aldacide, Flo-Mor, Formagene, Paraform, Triformol, Trioxymethylene

1.2 RELEVANT IDENTIFIED USE OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use of the substance/mixture	:	Intermediate
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1.3 SUPPLIERS DETAILS

Balaji Formalin Pvt. Ltd
N-32/1, Additional Patalganga MIDC, Panvel, Raigad,
Maharashtra - 410207, India T: 7700918316
Website: www.balajiformalin.com

1.4 SUPPLIERS DETAILS

Emergency number	:	Emergency Helpline Number Mr. Machhindra Waghchaure +917700918328
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SECTION 2: HAZARDS IDENTIFICATION

2.1 SUPPLIERS DETAILS

Classification according to the United Nations GHS

Acute toxicity (oral), Category 4	H302
Acute toxicity (dermal), Category 5	H313
Acute toxicity (inhalation:dust,mist) Category 4	H332
Skin corrosion/irritation, Category 1C	H314
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Carcinogenicity, Category 2	H351
Hazardous to the aquatic environment — Acute Hazard, Category 3	H402
Full text of H statements : see section 16	

2.2 LABEL ELEMENTS

Labelling according to the United Nations GHS

Hazard pictograms (GHS UN) :



GHS05

GHS07

GHS08

Signal word (GHS UN)	:	Danger
Hazard statements (GHS UN)	:	P261 – Avoid breathing dust/fume/gas/mist/vapour/spray. H302+H332 - Harmful if swallowed or if inhaled H313 - May be harmful in contact with skin H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H351 - Suspected of causing cancer. H402 - Harmful to aquatic life
Precautionary statements (GHS UN)	:	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood.

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- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P240 - Ground and bond container and receiving equipment.
- P241 - Use explosion-proof equipment.
- P260 - Do not breathe dusts or mists.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 - Wash hands, forearms and face thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection
- P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
- P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P302+P352 - IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 - IF INHALED: Remove person to fresh air and keep 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.
- P308+P313 - IF exposed or concerned: Get medical advice/ attention.
- P310 - Immediately call a POISON CENTER or doctor.
- P312 - Call a POISON CENTER or doctor if you feel unwell.
- P321 - Specific treatment (see supplemental first aid instruction on this label)
- P330 - Rinse mouth.
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364 - Take off contaminated clothing and wash it before reuse.
- P363 - Wash contaminated clothing before reuse.
- P370+P378 - In case of fire: Use media other than water to extinguish.
- P405 - Store locked up.
- P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3 OTHER HAZARDS NOT CONTRIBUTING TO THE CLASSIFICATION

No additional information available

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCE:-

3.2 MIXTURE:-

Name: Paraformaldehyde

Index number under Regulation (EC) No 1272/2008	EC No	CAS No	Name	Concentration
--	--	30525-89-4	Paraformaldehyde	88-97%
605-001-00-5	200-001-8	50-00-0	Formaldehyde	>0.1% - <1%
603-001-00-X	200-659-6	67-56-1	Methanol	<0.8%

Full text of H-statements: see section 16

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SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

First-aid measures general	:	Remove contaminated clothes. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance.
First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	:	Remove all contaminated clothing and footwear. Immediately rinse with plenty of water (for at least 15 minutes). Seek medical attention if ill effect or irritation develops.
First-aid measures after eye contact	:	Rinse immediately with plenty of water, also under the eyelids. (for at least 15 minutes). Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical advice.
First-aid measures after ingestion	:	Rinse mouth. Drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical advice.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Symptoms/effects after inhalation	:	May cause irritation to the respiratory tract and to other mucous membranes. Exposure may produce cough, mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction. Inhalation may cause lung oedema.
Symptoms/effects after skin contact	:	Redness. Swelling of the skin. Itching. burning. Drying up of the skin. Skin rash / inflammation.
Symptoms/effects after eye contact	:	Causes severe burns. Pain. Decrease of vision.
Symptoms/effects after ingestion	:	Harmful if swallowed. Ingestion may cause nausea and vomiting. Diarrhea.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable extinguishing media	:	Foam. Dry chemical. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	:	Do not use a solid water stream as it may scatter and spread fire.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Fire hazard	:	Hazardous combustion products. Carbon monoxide. Carbon dioxide.
Explosion hazard	:	Dust may form explosive mixture in air.
Reactivity	:	Stable under normal conditions of use.

5.3 ADVICE FOR FIREFIGHTERS

Protective equipment for firefighters	:	As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.
Other information	:	Cool containers / tanks with spray water if possible.

SECTION 6: ACCIDENT RELIEF MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General measures	:	Ensure adequate ventilation. Avoid generation of dust. Avoid breathing dust, mist or spray. Keep away from sources of ignition - No smoking.
Personal Precautions, Protective Equipment and Emergency Procedures	:	Avoid contact with skin and eyes.

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- 6.1.1 For non-emergency personnel**
- Protective equipment : Do not attempt to take action without suitable protective equipment. Wear suitable protective clothing, gloves and eye or face protection. Wear personal protective equipment. Wear respiratory protection.
- Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene.
- 6.1.2 For emergency responders**
- Protective equipment : Wear recommended personal protective equipment. Do not enter fire area without proper protective equipment, including respiratory protection.
- Emergency procedures : Evacuate unnecessary personnel. Eliminate all ignition sources if safe to do so.

6.2 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Avoid release to the environment. Do not allow to enter into surface water or drains.

6.3 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Methods for cleaning up : Avoid dust formation. Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Comply with applicable regulations for solid waste disposal. Do not use: Combustible materials. Paper towels. Danger of spontaneous combustion.

SECTION 7: HANDLING & STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

- Precautions for safe handling : Avoid contact with skin, eyes and clothing. Avoid dust formation.
- Local and general ventilation : Ensure good ventilation of the work station.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Technical measures : Take precautionary measures against static discharge.
- Storage conditions : Keep only in original container. Store tightly closed in a dry, cool and well-ventilated place. Keep out of direct sunlight. Protect from moisture. Keep container tightly closed. Handle uncleaned empty containers as full ones. Store under nitrogen.
- Incompatible products : Acids. Bases. Amines. Pure oxygen. Oxidizing agent. reducing materials.
- Heat and ignition sources : Keep away from open flames, hot surfaces and sources of ignition. Do not smoke while handling product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Formaldehyde (50-00-0)		
EU	Local name	Formaldehyde
Austria	MAK (mg/m ³)	0.37 mg/m ³
Austria	MAK (ppm)	0.3 ppm
Bulgaria	OEL TWA (mg/m ³)	1 mg/m ³
Bulgaria	OEL STEL (mg/m ³)	2 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	2.5 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	2 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	2.5 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	2 ppm
Croatia	OEL chemical category (HR)	Carcinogen category 3
Cyprus	OEL TWA (mg/m ³)	0.5 mg/m ³
Czech Republic	Expoziční limity (PEL) (mg/m ³)	0.5 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	1 mg/m ³

Formaldehyde (50-00-0)		
Denmark	Grænseværdie (langvarig) (mg/m ³)	0.4 mg/m ³
Denmark	Grænseværdie (langvarig) (ppm)	0.3 ppm
Estonia	OEL TWA (mg/m ³)	0.6 mg/m ³
Estonia	OEL TWA (ppm)	0.5 ppm
Estonia	OEL STEL (mg/m ³)	1.2 mg/m ³
Estonia	OEL STEL (ppm)	1 ppm
Estonia	OEL chemical category (ET)	Carcinogenic substance Sensitizer
Finland	HTP-arvo (8h) (mg/m ³)	0.37 mg/m ³
Finland	HTP-arvo (8h) (ppm)	0.3 ppm
Finland	OEL Ceiling (mg/m ³)	1.2 mg/m ³
Finland	OEL Ceiling (ppm)	1 ppm
Finland	Huomautus (FI)	katto-arvo
France	Local name	Aldéhyde formique
France	VME (ppm)	0.5 ppm
France	VLE (ppm)	1 ppm
France	OEL chemical category (FR)	Carcinogen category 1B
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	0.37 mg/m ³
Germany	TRGS 900 Occupational exposure limit value (ppm)	0.3 ppm
Germany	TRGS 900 chemical category	Skin sensitization
Greece	OEL TWA (mg/m ³)	2.5 mg/m ³
Greece	OEL TWA (ppm)	2 ppm
Greece	OEL STEL (mg/m ³)	2.5 mg/m ³
Greece	OEL STEL (ppm)	2 ppm
Hungary	OEL chemical category (HU)	Sensitizer Potential for cutaneous absorption
Ireland	OEL (8 hours ref) (ppm)	0.2 ppm
Ireland	OEL (15 min ref) (ppm)	0.4 ppm
Ireland	OEL chemical category (IE)	Carc1B Sensitizer
Latvia	OEL TWA (mg/m ³)	0.5 mg/m ³
Lithuania	OEL chemical category (LT)	Carcinogen Sensitizer
Portugal	OEL - Ceilings (ppm)	0.3 ppm
Portugal	OEL chemical category (PT)	Sensitizer A2 - Suspected Human Carcinogen
Romania	OEL TWA (mg/m ³)	1.2 mg/m ³
Romania	OEL TWA (ppm)	1 ppm
Romania	OEL STEL (mg/m ³)	3 mg/m ³
Romania	OEL STEL (ppm)	2 ppm
Romania	OEL chemical category (RO)	Substances likely to cause cancer
Slovakia	OEL chemical category (SK)	Sensitizer
Slovenia	OEL TWA (mg/m ³)	0.62 mg/m ³
Slovenia	OEL TWA (ppm)	0.5 ppm
Slovenia	OEL chemical category (SL)	Category 2 Potential for cutaneous absorption
Spain	VLA-ED (mg/m ³)	0.37 mg/m ³
Spain	VLA-ED (ppm)	0.3 ppm
Spain	VLA-EC (mg/m ³)	0.74 mg/m ³
Spain	VLA-EC (ppm)	0.6 ppm
Spain	OEL chemical category (ES)	C1B Sensitizer
Sweden	nivågränsvärde (NVG) (mg/m ³)	0.37 mg/m ³
Sweden	nivågränsvärde (NVG) (ppm)	0.3 ppm
Sweden	kortidsvärde (KTV) (mg/m ³)	0.74 mg/m ³
Sweden	kortidsvärde (KTV) (ppm)	0.6 ppm
Sweden	OEL chemical category (SE)	Carcinogen Sensitizer Skin notation
United Kingdom	Local name	Formaldehyde
United Kingdom	WEL TWA (mg/m ³)	2.5 mg/m ³
United Kingdom	WEL TWA (ppm)	2 ppm

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Formaldehyde (50-00-0)		
United Kingdom	WEL STEL (mg/m ³)	2.5 mg/m ³
United Kingdom	WEL STEL (ppm)	2 ppm
Norway	OEL chemical category (NO)	Carcinogen Sensitizing substance
Switzerland	MAK (mg/m ³)	0.37 mg/m ³
Switzerland	MAK (ppm)	0.3 ppm
Switzerland	KZGW (mg/m ³)	0.74 mg/m ³
Switzerland	KZGW (ppm)	0.6 ppm
Switzerland	OEL chemical category (CH)	Category C1B carcinogen Sensitizer
Canada (Quebec)	PLAFOND (mg/m ³)	3 mg/m ³
Canada (Quebec)	PLAFOND (ppm)	2 ppm
USA – ACGIH	Local name	Formaldehyde
USA – ACGIH	ACGIH TWA (ppm)	0.1 ppm
USA – ACGIH	ACGIH STEL (ppm)	0.3 ppm
USA – AIHA	WEEL TWA (ppm)	1 ppm
USA – IDLH	US IDLH (ppm)	20 ppm
USA – NIOSH	NIOSH REL (TWA) (ppm)	0.016 ppm
USA – NIOSH	NIOSH REL (ceiling) (ppm)	0.1 ppm
USA – OSHA	OSHA PEL (TWA) (ppm)	0.75 ppm
USA – OSHA	OSHA PEL (STEL) (ppm)	2 ppm
India	PEL TWA (mg/m ³)	1.5 mg/m ³
India	PEL TWA (ppm)	1 ppm
India	PEL STEL (mg/m ³)	3 mg/m ³
India	PEL STEL (ppm)	2 ppm
India	OEL chemical category (IN)	Suspected human carcinogen
Indonesia	STEL (mg/m ³)	0.3 mg/m ³
Indonesia	STEL (ppm)	0.3 ppm
Indonesia	OEL chemical category (ID)	A2 - suspected human carcinogen
Korea	ISHA	Hazardous Substances Subject to Control - Organic Compounds
Korea	ISHA TWA (ppm)	0.3 ppm
Korea	ISHA - Permissible Exposure Limits - TWAs (ppm)	0.3 ppm
Singapore	OEL STEL (mg/m ³)	0.37 mg/m ³
Singapore	OEL STEL (ppm)	0.3 ppm
Taiwan	OEL TWA (mg/m ³)	1.2 mg/m ³ (category D special chemical)
Taiwan	OEL TWA (ppm)	1 ppm (category D special chemical)
Taiwan	OEL STEL (mg/m ³)	2.4 mg/m ³ (category D special chemical)
Taiwan	OEL STEL (ppm)	2 ppm (category D special chemical)
Thailand	OEL TWA (ppm)	0.75 ppm
Thailand	OEL STEL (ppm)	2 ppm
Vietnam	OEL TWA (mg/m ³)	0.5 mg/m ³
Vietnam	OEL STEL (mg/m ³)	1 mg/m ³

8.2 APPROPRIATE ENGINEERING CONTROLS

Appropriate engineering controls : Provide adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE)

Materials for protective clothing : Wear suitable protective clothing

Hand protection : Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Neoprene. Nitrile- rubber protective gloves. Thickness. > 0.18 mm. Breakthrough time : > 480 min

Eye protection : Use splash goggles when eye contact due to splashing is possible. Chemical goggles or face shield. EN 166

Skin and body protection : Chemical resistant protective apron / clothing (tested to EN 14605 or equivalent).

Respiratory protection : Wear a respirator conforming to EN140. Dust production: dust mask with filter typeP3

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8.4 ENSURE LIMIT VALUES FOR THE OTHER COMPONENTS

No additional information available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Solid
Appearance	:	Solid prills
Molecular mass	:	30.03 g/mol
Colour	:	white.
Odour	:	Pungent.
Odour threshold	:	1 ppm gas in air
pH	:	5 - 8
pH solution	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available Relative evaporation rate (ether=1) : No data available
Melting point	:	120 - 170 °C
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	93 °C Tag open cup
Auto-ignition temperature	:	300 °C
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	1.9 hPa @25 °C
Vapour pressure at 50 °C	:	No data available
Relative vapour density at 20 °C	:	1.03 Air=1
Relative density	:	No data available Relative density of saturated gas/air mixture : No data available
Density	:	700 - 850 kg/m ³
Relative gas density	:	No data available
Solubility	:	Water: Hydrolyses
Log Pow	:	No data available
Log Kow	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available
Lower explosive limit (LEL)	:	7 vol %
Upper explosive limit (UEL)	:	73 vol %

9.2 OTHER INFORMATION

No additional information available

ISO 9001, 14001, 45001 Certified Company

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Stable under normal conditions of use.

10.2 CHEMICAL STABILITY

Stable at ambient temperature and under normal conditions of use. Stable if protected from heat and exposure to air.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No additional information available

10.4 CONDITIONS TO AVOID

Avoid any source of ignition. Avoid contact with heat, sparks, open flame and static discharge.

10.5 INCOMPATIBLE MATERIALS

Oxygen. Oxidizing agent. Reducing agents. Acids. Bases. Amines.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Formaldehyde. In the presence of sufficient oxygen combustion may produce: Nitrogen oxides. Carbon dioxide. Combustion under oxygen starved conditions may produce: Carbon monoxide. Cyanides and nitriles.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity (oral)	:	Harmful if swallowed.
Acute toxicity (dermal)	:	May be harmful in contact with skin.
Acute toxicity (inhalation)	:	Harmful if inhaled.

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Paraformaldehyde Prills (30525-89-4)	
LD50 oral rat	680 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	1070 mg/m ³ (Exposure time: 4 h)

Skin corrosion/irritation	:	Causes severe skin burns and eye damage. pH: 5 - 8
Serious eye damage/irritation	:	Causes serious eye damage. pH: 5 - 8
Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Suspected of causing cancer.
Reproductive toxicity	:	Not classified
STOT-single exposure	:	Notclassified
STOT-repeated exposure	:	Notclassified
Aspiration hazard	:	Notclassified

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Acute aquatic toxicity	:	Harmful to aquatic life.
Chronic aquatic toxicity	:	Not classified

Paraformaldehyde Prills (30525-89-4)	
LC50 fish 1	60 g/l Oncorhynchus mykiss (rainbow trout)

12.2 PERSISTENCE AND DEGRADABILITY

Paraformaldehyde Prills (30525-89-4)	
Persistence and degradability	No additional information available

12.3 BIOACCUMULATIVE POTENTIAL

Paraformaldehyde Prills (30525-89-4)	
Bioaccumulative potential	No additional information available
Formaldehyde (50-00-0)	
Log Pow	See section 12.1 on ecotoxicology

12.4 MOBILITY IN SOIL

Paraformaldehyde Prills (30525-89-4)	
Mobility in soil	No additional information available
Formaldehyde (50-00-0)	
Log Pow	See section 12.1 on ecotoxicology

12.5 OTHER ADVERSE EFFECTS

Ozone	:	Not classified
Other adverse effects	:	No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS




13.1 DISPOSAL METHODS

Regional legislation (waste)	:	Dispose in a safe manner in accordance with local/national regulations. Empty Containers should be taken for recycling, recovery or waste in accordance with local regulation.
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SECTION 14: TRANSPORT INFORMATION

In accordance with IMDG / IATA / UN RTDG

UN RTDG	IMDG	IATA
14.1 UN NUMBER		
2213	2213	2213
14.2 PROPER SHIPPING NAME		
PARAFORMALDEHYDE	PARAFORMALDEHYDE	Paraformaldehyde

UN RTDG	IMDG	IATA
14.3 TRANSPORT HAZARD CLASS(ES)		
4.1	4.1	4.1
		
14.4 PACKING GROUP		
III	III	III
14.5 ENVIRONMENTAL HAZARDS		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		

14.6 SPECIAL PRECAUTIONS FOR USER

- UN RTDG

Limited quantities (UN RTDG)	:	5 kg
Excepted quantities (UN RTDG)	:	E1
Packing instruction (UN RTDG)	:	P002, IBC08, LP02
Special packing provisions (UN RTDG)	:	PP12, B3
Portable tank and bulk container special instructions (UN RTDG)	:	T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (UN RTDG)	:	TP33

- IMDG

Special provisions (IMDG)	:	223, 967
Packing instructions (IMDG)	:	P002, LP02
Special packing provisions (IMDG)	:	PP12
IBC packing instructions (IMDG)	:	IBC08
IBC special provisions (IMDG)	:	B3
Tank instructions (IMDG)	:	T1, BK2, BK3
Tank special provisions (IMDG)	:	TP33
EmS-No. (Fire)	:	F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	:	S-G - SPILLAGE SCHEDULE Golf - FLAMMABLE SOLIDS AND SELF-REACTIVE SUBSTANCES
Stowage category (IMDG)	:	A
Properties and observations (IMDG)	:	White powder with a pungent odour. Evolves formaldehyde, particularly when heated, which is irritating to eyes and mucous membranes.

- IATA

PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA) instructions (IATA)	:	Y443 PCA limited quantity max net quantity (IATA) : 10kg PCA packing
PCA max net quantity (IATA)	:	446
CAO packing instructions (IATA)	:	25kg
CAO max net quantity (IATA)	:	449
Special provisions (IATA)	:	100kg
ERG code (IATA)	:	A3, A803
	:	3L

14.7 TRANSPORT IN BULD ACCORDING TO ANNEX-II OF MARPOL 73/78 AND THE IBC CODE

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL NATIONAL REGULATIONS SPECIFIC FOR THE PRODUCT

Regulatory reference	:	Listed on the AICS (Australian Inventory of Chemical Substances). Listed on the Canadian DSL (Domestic Substances List). Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China). Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory. Listed on the Japanese ISHL (Industrial Safety and Health Law). Listed on KECI (Korean Existing Chemicals Inventory). Listed on NZIoC (New Zealand Inventory of Chemicals). Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances). Listed on the United States TSCA (Toxic Substances Control Act) inventory. Japanese Poisonous and Deleterious Substances Control Law. Listed on the Canadian IDL (Ingredient Disclosure List). Listed on INSQ (Mexican National Inventory of Chemical Substances). Listed on the TCSI (Taiwan Chemical Substance Inventory).
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REGISTERED OFFICE:

302, Devarc Commercial Complex,
Nr.ISKCON Cross Roads, S.G. Road,
Ahmedabad - 380015 Gujarat, India

MANUFACTURING UNITS

- Ahmedabad (Gujarat)
- Mumbai (Maharashtra)

DOMESTIC MARKETING

marketing@balajiformalin.com | +91 7700918318

INTERNATIONAL MARKETING

exports.bfpl@burakiagroup.com | +91 8511850255

State or local regulations : U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity. U.S. - Massachusetts - Right To Know List. U.S. - Massachusetts - Toxics Use Reduction Act. U.S. - Michigan - Polluting Materials List. U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances. U.S. - New Jersey - Right to Know Hazardous Substance List. U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances. U.S. - Pennsylvania - RTK (Right to Know) List. U.S. - Texas - Effects Screening Levels - Long Term. U.S. - Texas - Effects Screening Levels - Short Term.

SECTION 16: OTHER INFORMATION

Data sources : Loli. Supplier information.
 Abbreviations and acronyms : SDS - Safety Data Sheet
 CAS - Chemical Abstracts Service
 GHS - Globally Harmonised System
 CSR - Chemical Safety Report
 ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
 DNEL - Derived-No Effect Level
 EC50 - Median effective concentration
 IATA - International Air Transport Association
 IMDG - International Maritime Dangerous Goods
 LC50 - Median lethal concentration
 LD50 - Median lethal dose
 LOAEL - Lowest Observed Adverse Effect Level
 NOAEC - No-Observed Adverse Effect Concentration
 NOAEL - No-Observed Adverse Effect Level
 NOEC - No-Observed Effect Concentration
 OECD - Organisation for Economic Co-operation and Development
 RID - Regulations concerning the International Carriage of Dangerous Goods by Rail PVC (Polyvinyl chloride).
 PNEC - Predicted No-Effect Concentration
 PBT - Persistent Bioaccumulative Toxic
 vPvB - Very Persistent and Very Bioaccumulative
 ATE - Acute Toxicity Estimate
 BCF - Bioconcentration factor
 CLP - Classification Labelling Packaging Regulation; Regulation(EC) No 1272/2008
 REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

Other information : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product.

Full text of H-statements:

H225	Highly Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H313	May be harmful in contact with skin
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H402	Harmful to aquatic life

SDS UN

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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