

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025
Version: 2.0.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: Primer

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Primer

SU: Industrial uses: Uses of substances as such or in preparations at industrial sites (SU3).
Consumer uses: Private households (= general public = consumers) (SU21). Professional uses: Public domain (administration, education, entertainment, services, craftsmen) (SU22).

PC: Coatings and paints, thinners, paint removers (PC9a)

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Kramp UK Ltd
Address: Unit 5
Lancaster Way
Zip code: SG18 8YL
City: Biggleswade
Country: UNITED KINGDOM
Email: support.uk@kramp.com
Phone: +44(0)333 051 0111

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Flam. Liq. 3;H226
Aquatic Chronic 3;H412

Most serious harmful effects: Flammable liquid and vapour. Harmful to aquatic life with long lasting effects. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Can be absorbed through the skin causing symptoms such as dizziness and headache.

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025
Version: 2.0.0

2.2. Label elements

Pictograms



Signal word:

Warning

Hazard statements

H226

Flammable liquid and vapour.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P103

Read label before use.

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233

Keep container tightly closed.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P403+235

Store in a well-ventilated place. Keep cool.

P501

Dispose of contents/container in accordance with local regulation.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.
Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ UK-REACH Reg. No.	Concentration	Notes	CLP-classification
2-butoxyethyl acetate	112-07-2 203-933-3	5 -< 10 %		Acute Tox. 4;H302 Acute Tox. 4;H312 Acute Tox. 4;H332 LD50 (Acute toxicity - oral): 1880 mg/kg bw LD50 (Acute toxicity - dermal): 1480 mg/kg bw
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9	2.5 -< 10 %		Flam. Liq. 3;H226 STOT SE 3;H336
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	919-857-5	2.5 -< 10 %		Flam. Liq. 3;H226 Asp. Tox. 1;H304 STOT SE 3;H336 EUH066

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025

Version: 2.0.0

Reaction mass of ethylbenzene and xylene	- 905-588-0	2.5 -< 10 %		Flam. Liq. 3;H226 Asp. Tox. 1;H304 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Acute Tox. 4;H332 STOT SE 3;H335 STOT RE 2;H373 Aquatic Chronic 3;H412 LD50 (Acute toxicity - dermal): 15400 mg/kg bw LC50 (vapour) (Acute toxicity - inhalation): 17.6 mg/l LD50 (Acute toxicity - oral): 3500 mg/kg bw
trizinc bis(orthophosphate)	7779-90-0 231-944-3	0.25 -< 2.5 %		Aquatic Acute 1;H400 Aquatic Chronic 1;H410

Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Burns:	Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
General:	When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

May irritate the skin - may cause reddening. May cause eye irritation. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Can be absorbed through the skin causing symptoms such as dizziness and headache.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025
Version: 2.0.0

5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stay upwind/keep distance from source. Stop leak if this can be done without risk. Keep unnecessary personnel away. Wear safety goggles if there is a risk of eye splash. Wear gloves. Wear respiratory protective equipment. Provide adequate ventilation. Smoking and naked flames prohibited.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers.

6.4. Reference to other sections

See section 8 for type of protective equipment.
See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. Smoking and naked flames prohibited. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. A risk assessment must ensure that the employees are not exposed to effects from chemicals. The risk assessment must result in measures preventing exposure.

7.2. Conditions for safe storage, including any incompatibilities

To be stored safely out of reach of children and not together with food, feed, medicine and the like. Keep in tightly closed original packaging.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	Fiber/cm3	Remarks	Comments
2-butoxyethyl acetate	8h	20	133			Sk
2-butoxyethyl acetate	15m	50	332			Sk
2-methoxy-1-methylethyl acetate	8h	50	274			Sk

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025

Version: 2.0.0

2-methoxy-1-methylethyl acetate	15m	100	548			Sk
---------------------------------	-----	-----	-----	--	--	----

Sk = Can be absorbed through the skin.

Measuring methods: Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: EH40/2005 Workplace exposure limits. Last amended January 2020. Control of Lead at Work Regulations 2002. Control of Asbestos Regulations 2012.

DNEL - workers

2-butoxyethyl acetate, cas-no 112-07-2

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
	169 mg/kg				Dermal DNEL
	133 ml/h				Inhalativ DNEL

Reaction mass of ethylbenzene and xylene, cas-no -

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
	212 mg/kg				Dermal DNEL
	221 mg/m ³				Inhalativ DNEL

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below. Work under effective process ventilation (e.g. local exhaust ventilation).

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 16321.

Personal protective equipment, hand protection: Wear gloves. Type of material and thickness: Viton. $\geq 0,7$ mm. Penetration time: >30 min
Gloves must conform to EN 374.
The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

Personal protective equipment, respiratory protection: Use process ventilation. If this is not possible, use respiratory equipment. Filter type: A / P2
Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
Physical state	Liquid
Colour	Different
Odour	Characteristic
Solubility	Not miscible with the following: Water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Boiling point or initial boiling point and boiling range	136 °C	(Reaction mass of ethylbenzene and xylene)

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025

Version: 2.0.0

Flammability	No data	
Flammability limits		Flammable
Lower and upper explosion limit	0.7 - 7.5 vol%	
Flash Point	29 °C	DIN 53213
Auto-ignition temperature	280 °C	(DIN 51794) (2-butoxyethyl acetate)
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	> 60 s	(ISO 6 mm) (20 °C)
Viscosity	No data	
Partition coefficient n-octanol/water (log value)	No data	
Vapour pressure	10 hPa	20 °C. (Reaction mass of ethylbenzene and xylene)
Density	1.544 g/cm ³	20 °C. (DIN 53217)
Relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Non-explosive Vapours may form explosive mixtures with air.
VOC (Volatile organic compounds)	26,21%	
Solid substance	73,8%	

SECTION 10: Stability and reactivity

10.1. Reactivity

No known information.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

Product vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

No known information.

10.5. Incompatible materials

No known information.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed:
Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - oral

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025
Version: 2.0.0

2-butoxyethyl acetate, cas-no 112-07-2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		1880 mg/kg bw			

Reaction mass of ethylbenzene and xylene, cas-no -

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		3500 mg/kg bw			

2-methoxy-1-methylethyl acetate, cas-no 108-65-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		8532 mg/kg			

trizinc bis(orthophosphate), cas-no 7779-90-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg			

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - dermal

2-butoxyethyl acetate, cas-no 112-07-2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		1480 mg/kg bw			

Reaction mass of ethylbenzene and xylene, cas-no -

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		15400 mg/kg bw			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation

Reaction mass of ethylbenzene and xylene, cas-no -

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (vapour)	4h	17.6 mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Skin corrosion/irritation:

May irritate the skin - may cause reddening. The product does not have to be classified. Test data are not available.

Serious eye damage/eye irritation:

May cause eye irritation. The product does not have to be classified. Test data are not available.

Respiratory sensitisation or skin sensitisation:

The product does not have to be classified. Test data are not available.

Germ cell mutagenicity:

The product does not have to be classified. Test data are not available.

Carcinogenic properties:

The product does not have to be classified. Test data are not available.

Reproductive toxicity:

The product does not have to be classified. Test data are not available.

Single STOT exposure:

The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. Can be absorbed through the skin causing symptoms such as dizziness and headache. If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract. The product does not have to be classified. Test data are not available.

Repeated STOT exposure:

The product does not have to be classified. Test data are not available.

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025
Version: 2.0.0

Aspiration hazard: The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Uncleansed packaging is to be disposed of via the local waste-removal scheme. Empty, cleansed packaging should be disposed of for recycling.

EWC code: Depends on line of business and use, for instance 08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

Absorbent/cloth contaminated with the product: EWC code: 15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: 1263

14.2. UN proper shipping name: PAINT

14.4. Packing group: III

14.5. Environmental hazards:

The product should not be labelled as an environmental hazard (symbol: fish and tree).

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025
Version: 2.0.0

14.3. Transport hazard class(es): 3
Hazard label(s): 3
Hazard identification number: 30

Tunnel restriction code: D/E

Inland water ways transport (ADN)

14.1. UN number or ID number: 1263
14.2. UN proper shipping name: PAINT

14.4. Packing group: III
14.5. Environmental hazards: The product should not be labelled as an environmental hazard (symbol: fish and tree).

14.3. Transport hazard class(es): 3
Hazard label(s): 3
Transport in tank vessels:

Sea transport (IMDG)

14.1. UN number or ID number: 1263
14.2. UN proper shipping name: PAINT
14.3. Transport hazard class(es): 3
Hazard label(s): 3
EmS: F-E, S-E

14.4. Packing group: III
14.5. Environmental hazards: The product is not a Marine Pollutant (MP).
Environmental Hazardous Substance Name(s):
IMDG Code segregation group: - None -

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number: 1263
14.2. UN proper shipping name: PAINT

14.4. Packing group: III
14.5. Environmental hazards: The product should not be labelled as an environmental hazard (symbol: fish and tree).

14.3. Transport hazard class(es): 3
Hazard label(s): 3

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special Provisions:

The Control of Major Accident Hazards Regulations 2015, P5c FLAMMABLE LIQUIDS: Column 2: 5000 t, Column 3: 50000 t.
The product is covered by Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit), Annex XVII (3) concerning restrictions.

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025
Version: 2.0.0

15.2. Chemical Safety Assessment

UK-REACH Reg. No.	Substance name
	2-butoxyethyl acetate
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
	Reaction mass of ethylbenzene and xylene
	2-methoxy-1-methylethyl acetate
	trizinc bis(orthophosphate)

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
2.0.0	03/11/2025	SUJ	2,3,4,5,7,8,9,10,11,15,16

Abbreviations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration

Other Information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Training advice:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method:

Calculation based on the hazards of the known components.

Hazard statements

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

Safety Data Sheet

Primer

Replaces date: 05/08/2024

Revision date: 03/11/2025

Version: 2.0.0

H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

SDS is prepared by

Company:	Bureau Veritas Solutions Denmark A/S
Address:	Oldenborggade 25-31
Zip code:	7000
City:	Fredericia
Country:	DENMARK
Email:	Solutions-dk@bureauveritas.com
Phone:	+45 77 31 10 00
Homepage:	www.bureauveritas.dk

Country: GB