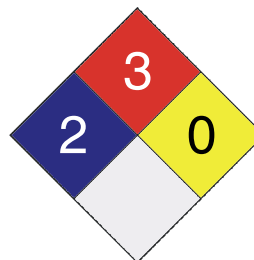


1. Product and Company Identification

Product Name SABA Primer 9102
CAS # Mixture
Product use Primer
Manufacturer SABA Dinxperlo BV
 Industriestraat 3
 P.O. Box 3
 NL - 7090 AA Dinxperlo, NL
 Phone: + 31 315 658999
 Emergency Phone: 1-800-535-5053 (24/7)
 International Phone: 1-352-323-3500 (Collect)

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	* 2
Flammability	3
Physical Hazard	0
Personal Protection	B



2. Hazards Identification

Emergency overview DANGER
 EYE AND SKIN IRRITANT.
 FLAMMABLE LIQUID. CONTAINS MATERIAL WHICH MAY CAUSE CANCER.
 Contains potential teratogens. May cause sensitization by skin contact.

Potential short term health effects

Routes of exposure Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

Eyes Causes irritation.

Skin Contact with skin can cause minor irritation and allergic reaction (sensitization) in some individuals following prolonged direct contact.
 May be absorbed through the skin.

Inhalation Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

Ingestion May cause stomach distress, nausea or vomiting.

Target organs Eyes. Respiratory system. Skin.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms Symptoms may include redness, edema, drying, defatting and cracking of the skin.
 Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Isopropanol	67-63-0	60 - 100
Ethyl benzene	100-41-4	3 - 7
Xylene	1330-20-7	10 - 30
1-Propanethiol, 3-(trimethoxysilyl)-	4420-74-0	1 - 5

4. First Aid Measures

First aid procedures

Eye contact Flush with cool water. Remove contact lenses, if applicable, and continue flushing.
 Obtain medical attention if irritation persists.

Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Notes to physician	Symptoms may be delayed.
General advice	Keep away from sources of ignition. No smoking. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties	Flammable by WHMIS/OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Water spray. Foam. Dry chemical. Carbon dioxide.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon. Oxides of sulphur. Some metallic oxides.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use. Should not be released into the environment.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. When using do not eat or drink.
Storage	Keep out of reach of children. Do not store at temperatures above 120°F (49°C). Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
1-Propanethiol, 3-(trimethoxysilyl)-	ACGIH-TLV Not established OSHA-PEL Not established
Ethyl benzene	ACGIH-TLV TWA: 100 ppm STEL: 125 ppm OSHA-PEL TWA: 100 ppm
Isopropanol	ACGIH-TLV TWA: 200 ppm STEL: 400 ppm OSHA-PEL TWA: 400 ppm
Xylene	ACGIH-TLV TWA: 100 ppm STEL: 150 ppm OSHA-PEL TWA: 100 ppm

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye / face protection

Wear safety glasses with side shields.

Hand protection

Rubber gloves. Confirm with a reputable supplier first.

Skin and body protection

As required by employer code.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Liquid
Color	Colorless
Form	Liquid
Odor	Characteristic
Odor threshold	0.06 - 39 Ppm (Xylene)
Physical state	Liquid
pH	Not available
Melting point	May solidify at <0°C (32°F)(Weighted average: -75.46°C/-103.8°F)
Freezing point	May solidify at <0°C (32°F)(Weighted average: -75.46°C/-103.8°F)
Boiling point	179.96 °F (82.2 °C) (Lowest known value)(Weighted average: 97.62°C/207.7°F)
Flash point	57.20 °F (14 °C)
Pour point	Not available
Evaporation rate	< 1 (BuAc=1)
Flammability limits in air, lower, % by volume	2 (Propan-2-ol)
Flammability limits in air, upper, % by volume	12 (Propan-2-ol)
Vapor pressure	4.2 KPa (Highest known value)(Weighted average: 3.35kPa (25.13 mmHg))

Vapor density	3.7 (Highest known value)(Weighted average: 2.42)
Specific gravity	0.81 (Estimated)
Octanol/water coefficient	Not available
Solubility (H2O)	Appreciable
Auto-ignition temperature	797.00 °F (425 °C) (Lowest known value)
VOC (Weight %)	99.8 %
Viscosity	10 CPs @ 23°C
Percent volatile	Not available

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Avoid high temperatures. Do not mix with other chemicals.
Incompatible materials	Moisture. Strong oxidizing agents. Strong reducing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of sulphur. Some metallic oxides.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
1-Propanethiol, 3-(trimethoxysilyl)-	Not available
Ethyl benzene	Not available
Isopropanol	16970 mg/l/4h rat
Xylene	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
1-Propanethiol, 3-(trimethoxysilyl)-	2940 mg/kg rat
Ethyl benzene	3500 mg/kg rat
Isopropanol	4396 mg/kg rat
Xylene	4300 mg/kg rat

Effects of acute exposure

Eye	Causes irritation.
Skin	Contact with skin can cause minor irritation and allergic reaction (sensitization) in some individuals following prolonged direct contact. May be absorbed through the skin.
Inhalation	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
Ingestion	May cause stomach distress, nausea or vomiting.
Sensitization	Contains a potential skin sensitizer.
Chronic effects	Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity	See below.

ACGIH - Threshold Limit Values - Carcinogens

Ethyl benzene	100-41-4	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
Isopropanol	67-63-0	A4 - Not Classifiable as a Human Carcinogen
Xylene	1330-20-7	A4 - Not Classifiable as a Human Carcinogen

IARC - Group 2B (Possibly Carcinogenic to Humans)

Ethyl benzene	100-41-4	Monograph 77 [2000]
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IARC - Group 3 (Not Classifiable)

Isopropanol	67-63-0	Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977]
Xylene	1330-20-7	Monograph 71 [1999]; Monograph 47 [1989]

U.S. - California - Proposition 65 - Carcinogens List

Ethyl benzene	100-41-4	carcinogen, initial date 6/11/04
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Mutagenicity	Non-hazardous by WHMIS/OSHA criteria.
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Reproductive effects	Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity	Contains potential teratogens. Xylene is considered fetotoxic in humans, based on observations of reduced fetal weight, delayed ossification and persistent behavioural effects in animal studies in the absence of maternal toxicity.
Synergistic Materials	Not available

12. Ecological Information

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.	
Ecotoxicity - Freshwater Algae Data		
Ethyl benzene	100-41-4	72 Hr EC50 Pseudokirchneriella subcapitata: 4.6 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: >438 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 2.6 - 11.3 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 1.7 - 7.6 mg/L [static]
Isopropanol	67-63-0	96 Hr EC50 Desmodesmus subspicatus: >1000 mg/L; 72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L
Ecotoxicity - Freshwater Fish Species Data		
Ethyl benzene	100-41-4	96 Hr LC50 Oncorhynchus mykiss: 11.0-18.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 7.55-11 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.1-15.6 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static]
Isopropanol	67-63-0	96 Hr LC50 Pimephales promelas: 9640 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 11130 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: >1400000 µg/L
Xylene	1330-20-7	96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661-4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5-17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1-16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711-9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53-29.
Ecotoxicity - Microtox Data		
Ethyl benzene	100-41-4	30 Min EC50 Photobacterium phosphoreum: 9.68 mg/L; 24 Hr EC50 Nitrosomonas: 96 mg/L
Isopropanol	67-63-0	5 Min EC50 Photobacterium phosphoreum: 35390 mg/L
Xylene	1330-20-7	24 Hr EC50 Photobacterium phosphoreum: 0.0084 mg/L
Ecotoxicity - Water Flea Data		
Ethyl benzene	100-41-4	48 Hr EC50 Daphnia magna: 1.8 - 2.4 mg/L
Isopropanol	67-63-0	48 Hr EC50 Daphnia magna: 13299 mg/L
Xylene	1330-20-7	48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L
Environmental effects	Harmful to aquatic life.	
Aquatic toxicity	Not available	
Persistence / degradability	Not available	
Bioaccumulation / accumulation	Not available	
Partition coefficient	Not available	
Mobility in environmental media	Not available	
Chemical fate information	Not available	
Other adverse effects	Not available	

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

Basic shipping requirements:

Proper shipping name	ADHESIVES containing flammable liquid
Hazard class	3
UN number	UN1133
Packing group	II
Additional information:	
Special provisions	149, B52, IB2, T4, TP1, TP8
Packaging exceptions	150
ERG number	128



Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

Proper shipping name	ADHESIVES containing flammable liquid
Hazard class	3
UN number	UN1133
Packing group	II



15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada - WHMIS - Ingredient Disclosure List

Ethyl benzene	100-41-4	0.1 %
Isopropanol	67-63-0	1 %

US Federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Ethyl benzene	100-41-4	1000 Lb final RQ; 454 kg final RQ
Xylene	1330-20-7	100 Lb final RQ; 45.4 kg final RQ

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Ethyl benzene	100-41-4	0.1 % de minimis concentration
Isopropanol	67-63-0	1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)
Xylene	1330-20-7	1.0 % de minimis concentration

U.S. - CWA (Clean Water Act) - Hazardous Substances

Ethyl benzene	100-41-4	Present
Xylene	1330-20-7	Present

U.S. - CWA (Clean Water Act) - Priority Pollutants

Ethyl benzene	100-41-4	Present
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U.S. - CWA (Clean Water Act) - Toxic Pollutants

Ethyl benzene	100-41-4	Present
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Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

CERCLA (Superfund) reportable quantity

Xylene: 100.0000
Benzene, ethyl-: 1000.0000
Benzene: 10.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

WHMIS status Controlled

WHMIS classification Class B - Division 2 - Flammable Liquid, Class D - Division 2A, 2B

WHMIS labeling

**State regulations**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Ethyl benzene	100-41-4	Present
Isopropanol	67-63-0	Present
Xylene	1330-20-7	Present

U.S. - California - Proposition 65 - Carcinogens List

Ethyl benzene	100-41-4	carcinogen, initial date 6/11/04
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U.S. - Illinois - Toxic Air Contaminants

Ethyl benzene	100-41-4	Present
Xylene	1330-20-7	Present

U.S. - Louisiana - Reportable Quantity List for Pollutants

Ethyl benzene	100-41-4	1000 Lb final RQ; 454 kg final RQ
Xylene	1330-20-7	100 Lb final RQ; 45.4 kg final RQ (the combined emission of highly reactive volatile organic compounds (acetaldehyde, butenes, ethylene, propylene, toluene, xylene, and/or isoprene) shall be totaled to determine if a RQ has been exceeded)

U.S. - Massachusetts - Right To Know List

Ethyl benzene	100-41-4	Present
Isopropanol	67-63-0	Present
Xylene	1330-20-7	Present

U.S. - Michigan - Critical Materials List

Xylene	1330-20-7	100 Lb Annual usage threshold (all isomers)
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U.S. - Minnesota - Hazardous Substance List

Ethyl benzene	100-41-4	Present
Isopropanol	67-63-0	Present
Xylene	1330-20-7	Present (includes all isomers)

U.S. - New Jersey - Right to Know Hazardous Substance List

Ethyl benzene	100-41-4	sn 0851
Isopropanol	67-63-0	sn 1076
Xylene	1330-20-7	sn 2014

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

Ethyl benzene	100-41-4	1000 Lb RQ (air); 1 lb RQ (land/water)
Xylene	1330-20-7	1000 Lb RQ (air); 1 lb RQ (land/water)

U.S. - North Carolina - Control of Toxic Air Pollutants

Xylene	1330-20-7	2.7 mg/m3 (chronic toxicants); 65 mg/m3 (acute irritants)
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U.S. - Pennsylvania - RTK (Right to Know) List

Ethyl benzene	100-41-4	Environmental hazard
Isopropanol	67-63-0	Environmental hazard
Xylene	1330-20-7	Environmental hazard

U.S. - Rhode Island - Hazardous Substance List

Ethyl benzene	100-41-4	Toxic; Flammable
Isopropanol	67-63-0	Toxic; Flammable
Xylene	1330-20-7	Toxic (skin); Flammable (skin)

Inventory name

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Prepared by

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Other information

For an updated MSDS, please contact the supplier/manufacture listed on the first page of the document.