

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

1.1. Product identifier

Product form	: Mixture
Trade name	: Plastic and tyre renovator black 0.5l
Product code	: BTG 05
Product group	: Blend

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Chemicar Europe NV
Baarbeek 2
2070 Zwijndrecht
T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89
info@chemicar.eu

1.4. Emergency telephone number

Emergency number : +32 (0) 3 760 08 09

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP)	: To our knowledge, the product does not present any particular risk, under normal conditions of use
Precautionary statements (CLP)	: P102 - Keep out of reach of children.
EUH-statements	: EUH208 – Contains Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG Nr. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG Nr. 220-39-6) (3:1). . May produce an allergic reaction. EUH210 - Safety data sheet available on request.
Extra phrases	: This product has been treated with biocides for preservation.

Scandinavian countries regulation

Denmark
MAL code : 1-1

2.3. Other hazards

Other hazards not contributing to the classification : Not applicable.

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
propan-2-ol; isopropyl alcohol; isopropanol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0	5 – 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: No special measures required. In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Take off contaminated clothing and wash it before reuse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Eye fountain.
First-aid measures after ingestion	: Rinse mouth out with water. Drink plenty of water. Do NOT induce vomiting. Get medical advice/attention.

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

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: foam. dry extinguishing powder. carbon dioxide (CO ₂). Use extinguishing media appropriate for surrounding fire. Water spray or fog.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: This product is flammable. Vapour could form explosive mixture with air. release of harmful/irritant gases/vapours.
Explosion hazard	: Vapours may form explosive mixture with air. In case of fire: irritating vapours.

5.3. Advice for firefighters

Precautionary measures fire	: Wear gas tight chemically protective clothing in combination with self contained breathing apparatus.
Protection during firefighting	: water in large amounts, water spray.
Other information	: Dyke fire control water for later disposal. Prevent fire fighting water from entering the environment. Do not allow run-off from fire-fighting to enter drains or water courses.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Potential explosion hazard. Ensure adequate air ventilation. Do not breathe gas/vapour/aerosol. Avoid contact with skin and eyes. Wear personal protective equipment.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Follow advice on use, storage, maintenance and replacement.

6.4. Reference to other sections

SECTION 7. SECTION 8. SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Do not breathe vapours. TRGS 500: Protective measures.
Precautions for safe handling : Use only outdoors or in a well-ventilated area. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. May form an explosive mixture in the presence of air. Take off immediately all contaminated clothing. Do not eat, drink or smoke when using this product. Avoid breathing dust / smoke / gas / mist / vapor / spray mist.
Hygiene measures : Do not eat, drink or smoke when using this product. Use and store away from all naked flames, heat sources or working electrical appliances. Do not smoke.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep only in the original container in a cool, well-ventilated place.
Storage conditions : Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep only in the original container in a cool, well ventilated place away from : heath.
Incompatible products : Oxidizing agent. Strong acids. Leaching agent.
Incompatible materials : Oxidising agents. Strong acids. Keep in a cool, well-ventilated place away from alkali.
Storage temperature : 15 – 25 °C

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

CAS NO	Substance	Ppm	Mg/m3	Fibres/ml	Category	Origin
67-63-0	2-Propanol	400 500	999 1250		TWA (8h) STEL (15 min)	WEL WEL
DNEL-/DMEL values						
Cas no	Substance					
DNEL-type	Exposure route		Effect		Value	
67-63-0 Isopropanol						
Consumer DNEL, long-term	Oral		Systemic		26 mg/kg bw/dag	
Consumer DNEL, long-term	Dermal		Systemic		319 mg/kg bw/dag	
Worker DNEL, long-term	Dermal		Systemic		888 mg/kg bw/dag	
Consumer DNEL, long-term	Inhalation		Systemic		89 mg/m3	
Worker DNEL, long-term	Inhalation		Systemic		500 mg/m3	
PNEC values						
Cas No	Substance					
Environmental compartment					Value	
67-63-0	Isopropanol					
Freshwater					140,9 mg/kg	
Marine water					140,9 mg/l	
Freshwater sediment					552 mg/kg	
Marine sediment					552 mg/kg	
Soil					28 mg/kg	

8.2. Exposure controls

Appropriate engineering controls:

Use only outdoors or in a well-ventilated area.

Personal protective equipment:

Protective goggles. Gloves.

Materials for protective clothing:

Wear suitable protective clothing

Hand protection:

Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
					EN 420, EN 388

Eye protection:

eye protection, face protection

Type	Use	Characteristics	Standard
			EN 166

Skin and body protection:

Wear suitable protective clothing. Take off immediately all contaminated clothing. Always wash hands after handling the product. Do not smoke while handling product. Do not eat and do not drink during use

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Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Consumer exposure controls:

Avoid breathing dust/fume/gas/mist/vapors/spray.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: No data available
Appearance	: Liquid.
Colour	: Black.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 8.1
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: ≥ 78 °C
Flash point	: 37 °C
Auto-ignition temperature	: > 200
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 0.4 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: 0.95
Density	: 0.99 g/cm ³
Solubility	: completely miscible. Water: 9.93 %
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 9000 – 14000 mPa·s
Explosive properties	: No data available
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 0.6 vol %
Upper explosive limit (UEL)	: 7 vol %

9.2. Other information

VOC content : 7.74 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable. No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

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10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Solvent vapours may form explosive mixture with air.

10.5. Incompatible materials

Oxidising substances. strong oxidants and strong acids. Alkalis and caustic products.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Skin corrosion/irritation : Not classified
pH: 8.1

Serious eye damage/irritation : Not classified
pH: 8.1

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

CAS No	Chemical name	Exposure route	Dose	Species	Source	Method
67-63-0	Isopropanol	Oral	LD 50 3600 mg/kg	Mouse	RTECS	
		Dermal	LD50 12800 Mg/kg	Rabbit	GESTIS	
		Inhalation (4h) vapour	LC50 >25 mg/l	Rat	ECHA	OECD 403

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

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Hazardous to the aquatic environment, long-term (chronic) : Not classified

Additional information : No data available.

CAS No	Chemical name					
	Aquatic toxicity	Dose	(h) (d)	Species	Source	Method
67-63-0	Isopropanol					
	Acute fish toxicity	LC50 9640 Mg/l	96 h	Pimephales promelas (fathead minnow)	ECHA	OECD 203
	Acute algae toxicity	ErC50 Mg/l >100	72 h	Scenedesmus subspicatus		
	Acute crustacea toxicity	EC50 Mg/l 9174	48 h	Daphnia magna (water flea)	ECHA	OECD 202

12.2. Persistence and degradability

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
67-63-0	Isopropanol				
	EU Method C.5	53%	5	ECHA	
	Readily biodegradable (according to OECD criteria).				

12.3. Bioaccumulative potential

CAS No	Chemical name	Log Pow
67-63-0	Isopropanol	0,05

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Regional legislation (waste) : Prevent entry to sewers and public waters. Ensure all national/local regulations are observed.
- Sewage disposal recommendations : Disposal must be done according to official regulations.
- Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not re-use empty containers without proper cleaning or reconditioning.

SECTION 14: Transport information





In accordance with ADR / IATA / ADN / IMDG

ADR	IMDG	IATA	ADN
14.1. UN number			
UN 1993	UN 1993	UN 1993	UN 1993

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14.2. UN proper shipping name			
FLAMMABLE LIQUID, N.O.S.	FLAMMABLE LIQUID, N.O.S.	Flammable liquid, n.o.s.	FLAMMABLE LIQUID, N.O.S.
Transport document description			
UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III, (D/E)	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III	UN 1993 Flammable liquid, n.o.s., 3, II	UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III
14.3. Transport hazard class(es)			
3	3	3	3
			
14.4. Packing group			
III	III	II	III
14.5. Environmental hazards			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available			

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: F1
Special provisions (ADR)	: 274, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	:  

Tunnel restriction code (ADR) : D/E

Transport by sea

Special provisions (IMDG)	: 223, 274, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: A

Air transport

PCA Excepted quantities (IATA) : E2

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PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3H

Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 274, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content (2010/75/EU)	: 7,74 % (69,694g/l)
(2004/42/EC)	7,082% (70,111 g/l)

15.1.2. National regulations

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Denmark

Class for fire hazard : Class II-1

Store unit : 5 liter

Classification remarks : R10 <; Emergency management guidelines for the storage of flammable liquids must be followed

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
LC50	Median lethal concentration
LD50	Median lethal dose

Full text of H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH208	Contains . May produce an allergic reaction.
EUH210	Safety data sheet available on request.

SDS EU (REACH Annex II)

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.