(in accordance with Regulation (EU) 2020/878)

BRANDT® Indicate-5

BRAND

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING.

1.1 Product identifier.

Product Name: UFI: BRANDT® Indicate-5 C4G0-Y0SQ-W008-7SXX

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

ABONO

Uses advised against: Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet.

Company: Address: City: Province: Telephone: Fax: E-mail: Web:	BRANDT EUROPE S.L. Ctra. Carmona - Guadajoz Km 3.1 41410 - Carmona Sevilla 95 419 62 30 95 419 62 40 Brandt.Europe@Brandt.co
Web:	www.brandteurope.com

1.4 Emergency telephone number: (34) - 91 562 04 20 (Available 24 hours)

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the substance or mixture.

In accordance with Regulation (EC) No 1272/2008: Eye Dam. 1 : Causes serious eye damage. Skin Corr. 1B : Causes severe skin burns and eye damage.

2.2 Label elements.

Labelling in accordance with Regulation (EC) No 1272/2008: Pictograms:



Signal Word:

Danger

H314

Hazard statements:

Causes severe skin burns and eye damage.

Precautionary statements:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash ... thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor/...

P501 Dispose of contents/container to ...

Contains:

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phosphoric acid . %, orthophosphoric acid. % Alcohols,C11-15-secondary, ethoxylated

2.3 Other hazards.

The mixture does not contain substances classified as PBT. The mixture does not contain substances classified as vPvB. The mixture does not contain any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not applicable.

3.2 Mixtures.

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

			(*)Classification - Regulation (EC) No 1272/2008	
Identifiers	Name	Concentrate	Classification	Specifics concentration limits and Acute toxicity estimate
Index No: 015-011- 00-6 CAS No: 7664-38-2 EC No: 231-633-2 Registration No: 01- 2119485924-24-XXXX	[1] phosphoric acid . %, orthophosphoric acid. %	25 - 50 %	Skin Corr. 1B, H314	Skin Corr. 1B, H314: $C \ge 25$ % Skin Irrit. 2, H315: 10 % \le C < 25 % Eye Irrit. 2, H319: 10 % \le C < 25 %
CAS No: 68131-40-8	Alcohols,C11-15-secondary, ethoxylated	3 - 25 %	Eye Dam. 1, H318	-

(*) The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

[1] Substance with a European Union exposure limit in the workplace (see section 8.1).

[2] Substance with a national workplace exposure limit (see section 8.1).

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

Inhalation.

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

Eye contact.

Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Dont let the person to rub the affected eye.

Skin contact.

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners. The use of personal protective equipment is recommended for people providing first aid (see section 8).

Ingestion.

If accidentally ingested, seek immediate medical attention. Keep calm. NEVER induce vomiting.

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

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Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required.

Contact with eyes may cause irreversible damage.

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

Request immediate medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

SECTION 5: FIREFIGHTING MEASURES.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

5.1 Extinguishing media.

Suitable extinguishing media:

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media:

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture.

Special risks.

Exposure to combustion or decomposition products can be harmful to your health.

5.3 Advice for firefighters.

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Fire protection equipment.

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and individual protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous for the environment, avoid spillage as much as possible.

6.3 Methods and material for containment and cleaning up.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations (see section 13).

6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8. For later elimination of waste, follow the recommendations under section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

For personal protection, see section 8. In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.



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Store according to local legislation. Observe indications on the label. Store the containers between 5 and 25 ° C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorised persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end use(s).

Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

Work exposure limit for:

Name	CAS No.	Country	Limit value	ppm	mg/m ³
phosphoric acid . %, orthophosphoric	7664-38-2	European	Eight hours		1
acid. %	7004-30-2	Union [1]	Short term		2

[1] According both Binding Occupational Esposure Limits (BOELVs) and Indicative Occupational Exposure Limits (IOELVs) adopted by Scientific Committee for Occupational Exposure Limits to Chemical Agents (SCOEL).

The product does NOT contain substances with Biological Limit Values.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Туре	Value
phoenhovia prid 0/ outhorhoonhovia prid 0/	DNEL (Workers)	Inhalation, Chronic, Local effects	1 (mg/m ³)
phosphoric acid . %, orthophosphoric acid. % CAS No: 7664-38-2 EC No: 231-633-2	DNEL (Consumers)	Inhalation, Chronic, Local effects	0,73 (mg/m ³)
EC NO. 231-033-2	DNEL (Workers)	Inhalation, Short term, Local effects	2 (mg/m ³)

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated. DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

8.2 Exposure controls.

Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Concentration:	100 %
Uses:	ABONO
Breathing protec	tion:
If the recommende	d technical measures are observed, no individual protection equipment is necessary.
Hand protection:	
If the product is ha	ndled correctly, no individual protection equipment is necessary.
Eye protection:	
If the product is ha	ndled correctly, no individual protection equipment is necessary.
Skin protection:	
PPE:	Work footwear.
Characteristics:	«CE» marking, category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should
Maintenance.	not be used by other people.
Observations:	Work footwear for professional use includes protection elements aimed at protecting users against any
	injury resulting from an accident

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

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9.1 Information on basic physical and chemical properties.

Physical state: Liquid

Colour: fuchsia

Odour: Not applicable/Not available due to the nature/properties of the product

Odour threshold: Not applicable/Not available due to the nature/properties of the product

Melting point: Not applicable/Not available due to the nature/properties of the product

Freezing point: Not applicable/Not available due to the nature/properties of the product

- Boiling point or initial boiling point and boiling range: Not applicable/Not available due to the nature/properties of the product
- Flammability: Not applicable/Not available due to the nature/properties of the product

Lower explosion limit: Not applicable/Not available due to the nature/properties of the product Upper explosion limit: Not applicable/Not available due to the nature/properties of the product

Flash point: > 60 °C

Auto-ignition temperature: Not applicable/Not available due to the nature/properties of the product Decomposition temperature: Not applicable/Not available due to the nature/properties of the product pH: 1,55 (1%)

Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product Solubility: Not applicable/Not available due to the nature/properties of the product Hydrosolubility: Not applicable/Not available due to the nature/properties of the product Liposolubility: Not applicable/Not available due to the nature/properties of the product Partition coefficient n-octanol/water (log value): Not applicable/Not available due to the nature/properties of the product Vapour pressure: Not applicable/Not available due to the nature/properties of the product Absolute density: Not applicable/Not available due to the nature/properties of the product Relative density: 1,2

Relative vapour density: Not applicable/Not available due to the nature/properties of the product Particle characteristics: Not applicable/Not available due to the nature/properties of the product

9.2 Other information

Not applicable/Not available due to the nature/properties of the product

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards by their reactivity.

10.2 Chemical stability.

Stable under the recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions.

The product does not present possibility of hazardous reactions.

10.4 Conditions to avoid.

Avoid any improper handling.

, , , , , , ,

10.5 Incompatible materials. Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products.

No decomposition if used for the intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

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

Splatters in the eyes can cause irritation and reversible damage.

Toxicological information about the substances present in the composition.

Name	Acute toxicity				
Indille	Туре	Test	Kind	Value	
phosphoric acid . %, orthophosphoric acid. %		LD50	Rat	1530 mg/kg bw [1]	
	Oral		X IndustrialBi . 17-4/1970	io-Test Laboratories, Inc., Data	
	Dermal	LD50	Rabbit	2740 mg/kg bw [1]	

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			[1] BIOFAX Industrial Bio- Sheets. Vol. 17-4/1970	Test Laboratories, Inc., Data
			LC50 mouse	25.5 mg/m ³ air [1]
CAS No: 7664-38-2	EC No: 231-633-2	Inhalation		ristics of Phosphoric Acid and ts Used as Binding Agents in the Iaterials, 1983.

a) acute toxicity;

Not conclusive data for classification.

b) skin corrosion/irritation;Product classified:Skin Corrosive, Category 1B: Causes severe skin burns and eye damage.

c) serious eye damage/irritation; Product classified: Serious eye damage, Category 1: Causes serious eye damage.

d) respiratory or skin sensitisation; Not conclusive data for classification.

e) germ cell mutagenicity; Not conclusive data for classification.

f) carcinogenicity; Not conclusive data for classification.

g) reproductive toxicity; Not conclusive data for classification.

h) STOT-single exposure; Not conclusive data for classification.

i) STOT-repeated exposure; Not conclusive data for classification.

j) aspiration hazard; Not conclusive data for classification.

11.2 Information on other hazards.

Endocrine disrupting properties

This product does not contain components with endocrine-disrupting properties with effects on human health. **Other information**

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

Name	Ecotoxicity				
Name	Туре	Test	Kind	Value	
	Fish	LC50	Oryzias latipes	75.1 mg/L (96 h) [1]	
		[1] summaryof study report, 2005			
phosphoric acid . %, orthophosphoric acid. %	Aquatic	EC50	Daphnia magna	>100 mg/L (48 h) [1]	
	invertebrates	[1] study re	eport, 2010		
	Aquatic plants	EC50	Desmodesmus subspicatus	>100 mg/L (72 h) [1]	
CAS No: 7664-38-2 EC No: 231-633-2		[1] study re	eport, 2010		

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12.2 Persistence and degradability.

No information is available regarding the biodegradability of the substances present. No information is available on the degradability of the substances present. No information is available about persistence and degradability of the product.

12.3 Bioaccumulative potential.

No information is available regarding the bioaccumulation of the substances present.

12.4 Mobility in soil.

No information is available about the mobility in soil. The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product doesn't contain components with environmental endocrine disrupting properties.

12.7 Other adverse effects.

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

No information is available about other adverse effects for the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION.

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

Land: Transport by road: ADR, Transport by rail: RID. Transport documentation: Consignment note and written instructions Sea: Transport by ship: IMDG. Transport documentation: Bill of lading Air: Transport by plane: ICAO/IATA. Transport document: Airway bill.

14.1 UN number or ID number.

UN No: UN1760

14.2 UN proper shipping name.

Description:

ADR/RID: UN 1760, CORROSIVE LIQUID, N.O.S. (CONTAINS PHOSPHORIC ACID . %, ORTHOPHOSPHORIC ACID. %), 8, PG II, (E)

IMDG: UN 1760, CORROSIVE LIQUID, N.O.S. (CONTAINS PHOSPHORIC ACID . %, ORTHOPHOSPHORIC ACID. %), 8, PG II ICAO/IATA: UN 1760, CORROSIVE LIQUID, N.O.S. (CONTAINS PHOSPHORIC ACID . %, ORTHOPHOSPHORIC ACID. %), 8, PG II

14.3 Transport hazard class(es).

Class(es): 8

14.4 Packing group. Packing group: II

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14.5 Environmental hazards.

Marine pollutant: No Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-B

14.6 Special precautions for user.

Labels: 8



Hazard number: 80 Provisions concerning carriage in bulk ADR: Not authorized carriage in bulk in accordance with ADR. Proceed in accordance with point 6. ADR LQ: 1 L IMDG LQ: 1 L ICAO LQ: 0,5 L

14.7 Maritime transport in bulk according to IMO instruments. The product is not transported in bulk.

SECTION 15: REGULATORY INFORMATION.

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

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles:

Designation of the substance, of the	Conditions of restriction
group of substances or of the mixture	
 3. Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 5.1. 	 Shall not be used in: ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, tricks and jokes, games for one or more participants, or any article intended to be used as such, even with ornamental aspects, Articles not complying with paragraph 1 shall not be placed on the market. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: can be used as fuel in decorative oil lamps for supply to the general public, and, present an aspiration hazard and are labelled with H304, Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).

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	public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage'; (c) lamp oils and grill lighters, labelled with H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

15.2 Chemical safety assessment.

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION.

Complete text of the H phrases that appear in section 3:

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eve irritation.

Classification codes:

Eye Dam. 1 : Serious eye damage, Category 1 Skin Corr. 1B : Skin Corrosive, Category 1B

Changes regarding to the previous version:

- Change of the name of the product (SECTION 1.1).

- Change of the uses of the product (SECTION 1.2).

- National legislative changes (SECTION 15.1).

- Elimination of abbreviations and acronyms (SECTION 16).

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:Physical hazardsOn basis of test dataHealth hazardsCalculation methodEnvironmental hazardsCalculation method

It is advisable to carry out basic training with regard to health and safety at work in order to handle this product correctly.

Abbreviations and acronyms used:

- ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.
- CEN: European Committee for Standardization.
- DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.
- DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.
- EC50: Half maximal effective concentration.
- PPE: Personal protection equipment.
- IATA: International Air Transport Association.
- ICAO: International Civil Aviation Organization.
- IMDG: International Maritime Code for Dangerous Goods.
- LC50: Lethal concentration, 50%.
- LD50: Lethal dose, 50%.
- RID: Regulations Concerning the International Transport of Dangerous Goods by Rail.

Key literature references and sources for data: http://eur-lex.europa.eu/homepage.html http://echa.europa.eu/ Regulation (EU) 2020/878. Regulation (EC) No 1907/2006.

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Regulation (EC) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemical substances and mixtures (REACH).

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.