

Safety Data Sheet according to Regulation (EC) No 1907/2006**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

Product name: **FORMULA 10 PLUS**
UFI: V6SX-YW4K-FG6M-V1FV

Intended Use: Industrial uses.
Product category: Washing & Cleaning.
Process category: Industrial Spraying.

Technical Function:: Cleaning Agent.

Supplier: Guyson International Ltd.
Snaygill Industrial Estate,
Skipton, North Yorkshire.
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2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008: Skin Irrit. 2 H315 Causes skin irritation.
Eye Dam. 1 H318 Causes serious eye damage.

Label elements: Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation.

Hazard pictogram:



Signal word: Danger

Hazard-determining components of labelling: Poly(oxy-1,2-ethaandiol)-phenyl-hydroxy phosphate

Hazard statements: H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements: P280 Wear eye protection / face protection.

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

P310 immediately call a Doctor.

P362+P364 Take off contaminated clothing and wash it before reuse.

P332+P313 If skin irritation occurs: Get medical advice.

Other hazards:

The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.






Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures · Description: Mixture of substances listed below with non-hazardous additions.

Formula	CONTENT (%)	CAS NO.	EINECS NO.	Hazard statements	
potassium carbonate . Reg Nr: 01-2119532646-36-xxxx	≥5-<10%	584-08-7	209-529-3	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
Poly(oxy-1,2ethaandiol)-phenyl-hydroxy phosphate. Reg Nr: polymer	≥3-<5%	39464-70-5		Skin Corr. 1, H314; Eye Dam. 1, H318	
Maleated tall oil fatty acids ammonium salt 42%	1-2.5%			Skin Irrit. 2, H315; Eye Irrit. 2, H319	
phosphoric acid	≥0.1-<1%	7664-38-2	231-633-2	Met. Corr.1, H290; Skin Corr.1B,H314; Acute Tox.4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319	 
Ingredients according to Detergents Regulation 648/2004/EC For the wording of the listed hazard phrases refer to section 16.					
Phosphates, Nonionic surfactants	<5%				

4. FIRST AID MEASURES

Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

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After inhalation:	In case of unconsciousness place patient stably in side position for transportation.
After skin contact:	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. Immediately rinse with water.
After eye contact:	Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing:	If symptoms persist consult doctor.
Most important symptoms and effects, both acute and delayed	No further relevant information available.
Indication of any immediate medical attention and special treatment needed	No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing media Suitable extinguishing agents:	Use fire extinguishing methods suitable to surrounding conditions.
Special hazards arising from the substance or mixture	No further relevant information available.
Advice for firefighters Protective equipment:	Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Remove persons from danger area. Wear protective equipment. Keep unprotected persons away.
Environmental precautions:	Inform respective authorities in case of seepage into water course or sewage system. Keep contaminated washing water and dispose of appropriately
Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, universal binders). Use neutralising

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agent. Dispose contaminated material as waste according to item 13.

7. HANDLING AND STORAGE

Precautions for safe handling	Store in cool, dry place in tightly closed receptacles. Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection:	No special measures required.
Conditions for safe storage, including any incompatibilities Storage:	Storage
Requirements to be met by storerooms and receptacles:	No special requirements.
Information about storage in one common storage facility:	Not required.
Further information about storage conditions:	Keep receptacle tightly sealed.
Specific end use(s)	No further relevant information available.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control parameters Ingredients with limit values that require monitoring at the workplace:

Occupational Exposure Limits

Formula	CONTENT (%)	CAS NO.	EINECS NO.	Inhalable	Respirable
Phosphoric acid	≥0.1-<1%	7664-38-2	231-633-2	WEL(GB) IOELV (EU) Short term 2mg/m ³	WEL (GB) IOELV (EU) Long Term 1mg/m ³
Phosphoric acid	≥0.1-<1%	7664-38-2	231-633-2	DNEL Long term- systemic 10.7 mg/m ³ (worker) DNEL Long	

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				term local 0.73 mg/m ³ (consumer) 1 mg/m ³ (worker) DNEL Acute- local 2 mg/m ³ (worker)	
Potassium carbonate	≥5-<10%	584-08-7	209-529-3	DNEL Long Term 10 mg/m ³	

Exposure controls:

Appropriate Engineering Controls: No Further Data

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Do not eat, drink, smoke or sniff while working.

Protection of hands:



Protective gloves

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality which varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended

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Tightly sealed goggles. EN166

Body protection:

Protective work wear & safety footwear.

Respiratory equipment:

Ensure good ventilation of the area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark yellow Fluid.
Odour	Odourless
Boiling point (°C)	100
Flash point (°C)	Not applicable.
Auto-ignition temperature (°C)	Product is not self-igniting.
pH-value	11 @ 20°C.
Danger of explosion	Product does not present an explosion hazard.
Vapour pressure @ 20°C	23hPa
Density @ 20°C	1.115 g/cm ³ .
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility & miscibility with water	Fully miscible.
Partition coefficient (n-octanol / water)	Not determined.
Viscosity – dynamic	Not determined.
Viscosity – kinematic	Not determined.
Solvent content / VOC	Organic solvents – 0.00%.
Solids content	2.1%.

10. STABILITY AND REACTIVITY

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Reactivity	No further relevant information available.
Chemical stability	
Thermal decomposition / conditions to avoid	No decomposition if used according to specifications.
Possibility of hazardous reactions	No dangerous reaction known.
Conditions to avoid	No further relevant information available.
Incompatible materials	No further relevant information available.
Hazardous decomposition products	No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Information on hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity Based on available data, the classification criteria are not met.

Formula	CONTENT (%)	CAS NO.			
phosphoric acid	≥0.1-<1%	7664-38-2	Oral	LD50	300 mg/kg (Rat)
			Dermal	LD50	2,740 mg/kg (Rabbit)
			Inhalative	LC50/8 h LC50/24 h	>214 mg/m ³ (Rat) 245 mg/ltr (Brachydanio rerio)
potassium carbonate	≥5-<10%	584-08-7	Oral	LD50	>2,000 mg/kg (Rat)
			Dermal	LD50	2,000 mg/kg (Rabbit)
Poly(oxy-1,2ethaandiol)-phenyl-hydroxy phosphate	≥3-<5%	39464-70-5	Oral	LD50	>2,000 mg/kg (Rat)

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Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration Hazard :	Based on available data, the classification criteria are not met.
Endocrine disrupting properties:	None of the ingredients are listed.

12. ECOLOGICAL INFORMATION

Aquatic toxicity

Formula	CONTENT (%)	CAS NO.		
Poly(oxy-1,2ethaandiol)-phenyl-hydroxy phosphate	≥3-<5%	39464-70-5	LC50/96 h OECD test 302 B	100 mg/ltr (Rainbow Trout) 85 (biodegradation in % after 28 days)
potassium carbonate	≥5-<10%	584-08-7	LC50/96 h EC 50/48h	68 mg/ltr (Oncorhynchus mykiss (Rainbow trout)) 430 mg/ltr (Daphnia magna (water flea))
phosphoric acid	≥0.1-<1%	7664-38-2	LC50/96 h	138 mg/ltr (Daphnia magna (water flea)) 98-106 mg/ltr (fish)

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Persistence and degradability	No further relevant information available.
Other information:	The product is biodegradable
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
Additional ecological information	
Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
Other adverse effects / General Notes:	Must not reach sewage water or drainage ditch undiluted or unnaturalised. In accordance with the requirements of the RVO in the Act on Detergents and Cleansing Agents, tensides are biodegradable up to at least 90 %. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods Recommendation	Disposal must be made according to official regulations
European Waste Catalogue:	HP4 Irritant - skin irritation and eye damage.
Uncleaned packaging: Recommendation:	Disposal in accordance with administrative provisions.

14. TRANSPORT INFORMATION

UN-Number ADR, ADN, IMDG, IATA	Void
Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
Packing group ADR, IMDG, IATA	Void
Environmental hazards: Marine pollutant:	No

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Special precautions for user Not applicable.

Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

UN "Model Regulation Void

15. REGULARITY INFORMATION

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

Reg . (EC) n. 1272/2008 - GB CLP;
Reg. (EC) n. 2020/878 annex II of UK REACH;
Dir. 06/08 ADR – RID - IMDG - IATA;
Dir. 12/18 (Seveso III);
Dir. 2008/98/CE and Reg. (EC) n.1357/2014 (Waste management)

National regulations - UK:

Regulation (EC) No 1272/2008 (GB CLP) amended by GB CLP (UK SI 2019/720 as amended).
UK REACH Regulation (EC) No 1907/2006, amended by UK REACH (UK SI 2019/758 as amended).
Health and Safety at Work Act.
The Control of Substances Hazardous to Health (COSHH) Regulations.
UK Waste (Circular Economy) (Amendment) Regulations 2020.

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS05

Signal word

Danger

Hazard-determining components of labelling:

Poly(oxy-1,2-ethaandiol)-phenyl-hydroxy phosphate

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection / face protection.

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.

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P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse. P332+P313 If skin irritation occurs: Get medical advice/attention.

**Directive 2012/18/EU
Named dangerous substances -
ANNEX I**

None of the ingredients is listed.

**REGULATION (EC) No 1907/2006
ANNEX XVII**

Conditions of restriction: 3

**DIRECTIVE 2011/65/EU on the
restriction of the use of certain
hazardous substances in electrical
and electronic equipment
– Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148
- Annex I & II**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug
precursors.**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying
down rules for the monitoring of trade
between the Community and third
countries in drug precursors.**

None of the ingredients is listed.

Chemical safety assessment:

A Chemical Safety Assessment has been carried out.

16. OTHER INFORMATION

Disclaimer

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.



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Classification according to Regulation (EC) No 1272/2008 Calculation method