

Trade name: Golden Star**Product no.:** 90999**Current version :** 1.0.0, issued: 19.06.2020**Replaced version:** -, issued: -**Region:** IE**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Golden Star****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Cleaner

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet**Address**

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

+353 1 809 2166 (National Poisons Information Centre)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 3; H412

Eye Dam. 1; H318

STOT RE 1; H372

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS05



GHS08

Signal word

Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Alcohols, C12-14, ethoxylated

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

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2-propylheptane-1-ol, ethoxylated

Hazard statement(s)

H318 Causes serious eye damage.
 H372 Causes damage to the central nervous system through prolonged or repeated exposure if inhaled.
 H412 Harmful to aquatic life with long lasting effects.

Hazard statements (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statement(s)

P260 Do not breathe vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye 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.
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

Supplemental label elements

Regulation (EC) No 648/2004 on detergents (Annex VII):

>= 15% aromatic hydrocarbons

5-15% anionic surfactants

5-15% non-ionic surfactants

<5% NTA (nitrilotriacetic acid) and salts thereof

Perfumings

LIMONENE

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
	- 919-164-8 - 01-2119473977-17	Asp. Tox. 1; H304 STOT RE 1; H372 Aquatic Chronic 3; H412 EUH066	>= 50,00 - < 70,00 %-b.w.
2	Alcohols, C12-14, ethoxylated		
	68439-50-9 - - -	Aquatic Chronic 3; H412 Eye Dam. 1; H318	>= 5,00 - < 10,00 %-b.w.
3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts		
	68411-30-3 270-115-0 - 01-2119489428-22	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Irrit. 2; H315 Aquatic Chronic 3; H412	>= 5,00 - < 10,00 %-b.w.
4	2-propylheptane-1-ol, ethoxylated		
	160875-66-1	Eye Dam. 1; H318	< 5,00 %-b.w.

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-	-	Acute Tox. 4; H302		
5	trisodium-nitritotriacetate			
5064-31-3 225-768-6 607-620-00-6 01-2119519239-36		Acute Tox. 4*; H302 Carc. 2; H351 Eye Irrit. 2; H319	< 2,50	%-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*, **, ***, ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	-	Acute Tox. 4; H302: C >= 65%	-	-
5	-	Carc. 2; H351: C >= 5%	-	-

No	Route, target organ, concrete effect
1	H372 -; central nervous system; -

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Do not use mouth-to-mouth or mouth-to-nose resuscitation. In case of persisting adverse effects consult a physician.

After skin contact

Wash immediately with plenty of water for several minutes. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Foam; Carbon dioxide; Dry chemical extinguisher

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); Nitrogen oxides (NO_x); Sulphur oxides (S_xO_y)

5.3 Advice for firefighters

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Use self-contained breathing apparatus. Wear full protective suit. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Use personal protective clothing. Do not inhale vapours/aerosols.

For emergency responders

Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Have emergency shower available. Provide eye wash fountain in work area.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, pls. See chapter 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value

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1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts			68411-30-3 270-115-0
	dermal	Long term (chronic)	systemic	85 mg/kg/day
	inhalative	Long term (chronic)	systemic	6 mg/m ³
	inhalative	Long term (chronic)	local	6 mg/m ³
2	trisodium-nitrilotriacetate			5064-31-3 225-768-6
	inhalative	Short term (acut)	systemic	2,4 mg/cm ²
	inhalative	Long term (chronic)	systemic	0,8 mg/cm ²

DNEL value (consumer)

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts			68411-30-3 270-115-0
	oral	Long term (chronic)	systemic	0,425 mg/kg/day
	dermal	Long term (chronic)	systemic	42,5 mg/kg/day
	inhalative	Long term (chronic)	systemic	1,5 mg/m ³
	inhalative	Long term (chronic)	local	1,5 mg/m ³
2	trisodium-nitrilotriacetate			5064-31-3 225-768-6
	oral	Short term (acut)	systemic	0,9 mg/kg
	oral	Long term (chronic)	systemic	0,3 mg/kg
	dermal	Short term (acut)	systemic	
	inhalative	Short term (acut)	systemic	9,6 mg/cm ²
	inhalative	Long term (chronic)	systemic	3,2 mg/cm ²

PNEC values

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts		68411-30-3 270-115-0
	water	fresh water	0,268 mg/L
	water	marine water	0,0268 mg/L
	water	Aqua intermittent	0,0167 mg/L
	water	fresh water sediment	8,1 mg/kg dry weight
	water	marine water sediment	6,8 mg/kg dry weight
	soil	-	35 mg/kg dry weight
	sewage treatment plant	-	3,43 mg/L
2	trisodium-nitrilotriacetate		5064-31-3 225-768-6
	water	fresh water	0,93 mg/L
	water	marine water	0,093 mg/L
	sewage treatment plant	-	270 mg/L

8.2 Exposure controls**Appropriate engineering controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Respiratory protection mask with combination filter.

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Respirator A2/P2

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material neoprene

Appropriate Material nitrile

Appropriate Material Polychloroprene

Material thickness > 0,3 mm

Breakthrough time > 120 min

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form/Colour			
liquid			
yellow; green			
Odour			
characteristic			
Odour threshold			
No data available			
pH value			
Value	8,8	-	9
Boiling point / boiling range			
Value	85	-	220 °C
Melting point / melting range			
No data available			
Decomposition point / decomposition range			
No data available			
Flash point			
Value	>	61	°C
Auto-ignition temperature			
No data available			
Oxidising properties			
No data available			
Explosive properties			
No data available			
Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			

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No data available

Upper flammability or explosive limits

No data available

Vapour pressure

No data available

Vapour density

No data available

Evaporation rate

No data available

Relative density

No data available

Density

Value	0,86	g/cm ³
Reference temperature	20	°C

Solubility in water

No data available

Solubility(ies)

No data available

Partition coefficient: n-octanol/water

No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
	log Pow	1,4	
	Reference temperature	23	°C
	with reference to	pH 6,1	
	Method	OECD 123	
	Source	ECHA	

Viscosity

Value	80	mPa*s
Reference temperature	40	°C

9.2 Other information**Other information**

No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

Stable at ambient temperature.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to intended use.

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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute oral toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	Golden Star
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
LD50		1080	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
LD50		1740	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity	
No data available	

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	trisodium-nitritotriacetate	5064-31-3	225-768-6
LC50	>	5	mg/l
Duration of exposure		4	h
State of aggregation	Dust		
Species	rat		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	Irreversible effects on the eye		

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2	trisodium-nitritotriacetate	5064-31-3	225-768-6
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Route of exposure		Skin	
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
Route of exposure		Skin	
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
Species	rat		
Method	OECD 416		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity			
No data available			

STOT - single exposure			
No data available			

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
Route of exposure		dermal	
Source	ECHA		

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Evaluation/classification	Based on available data, the classification criteria are not met.
Route of exposure	inhalational
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Route of exposure	oral
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Aspiration hazard

No data available

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
LC50		1,67	mg/l
Duration of exposure		96	h
Species	Lepomis macrochirus		
Method	USA EPA, 1975		
Source	ECHA		
2	trisodium-nitilotriacetate	5064-31-3	225-768-6
LC50		114	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Source	ECHA		

Toxicity to fish (chronic)			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
NOEC		0,23	mg/l
Duration of exposure		72	day(s)
Species	Oncorhynchus mykiss		
Source	ECHA		
2	trisodium-nitilotriacetate	5064-31-3	225-768-6
NOEC		>	54
Duration of exposure			224
Species	Pimephales promelas		
Source	ECHA		

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
EC50		2,9	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
NOEC		1,18	mg/l
Duration of exposure		21	

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Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
NOEC		9,3	mg/l
Duration of exposure		147	day(s)
Species	Daphnia magna		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
ErC50		127,9	mg/l
Duration of exposure		72	h
Species	Scenedesmus subspicatus		
Method	88/302/EEC, C.11		
Source	ECHA		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
ErC50	>	91,5	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
NOEC		2,4	mg/l
Duration of exposure		72	day(s)
Species	Scenedesmus subspicatus		
Method	88/302/EEC		
Source	ECHA		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
NOEC		1,43	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		

Bacteria toxicity	
No data available	

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Value		85	%
Duration		29	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		
2	trisodium-nitritotriacetate	5064-31-3	225-768-6
Value		100	%
Duration		14	d
Method	OECD 301 E		
Source	ECHA		
Evaluation	readily biodegradable		

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12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
log Pow		1,4	
Reference temperature with reference to Method		23	°C
Source		pH 6,1 OECD 123 ECHA	

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information
Do not discharge into the drains or waters and do not store on public depositories.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

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

Not relevant

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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII.	No 3
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Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.
Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.
The surfactants contained in this product comply with the DetVO 648/2004/EC.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H351	Suspected of causing cancer.

Department issuing safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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Trade name: Golden Star

Product no.: 90999

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Replaced version: -, issued: -

Region: IE

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