



## Safety Data Sheet

Made according to directives 453/2010 EU, 1907/2006 EU (REACH) and 1272/2008 EU (CLP-GHS).

Prepared on 10<sup>th</sup> November 2015.

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Version nr. 3.

### 1. Identification of the substance/preparation and of the company/undertaking

#### 1.1. Identification of the substance or preparation

Name: **Triumpf Color** capsuled gel detergent for color clothes

#### 1.2. Use of the substance/preparation

Main use: washing detergent

Preparation should be used preferably for its original purpose, not recommended to open the capsules or use the content for handwashing

#### 1.3. Company/undertaking identification:

Company name: GTG Hansa GmbH

Address: Storkower Str. 115A, 10407 Berlin, Germany

Telephone: +48 500 100 130 e-mail:contact@gtg-hansa.de

#### 1.4. Emergency telephones in case of poisoning

General emergency nr: 112

GIZ-Nord Poison Center (Robert Koch Str.40, 37075 Göttingen, Niderraschen, Germany)

Telephone: +49 551 19 240 e-mail:giznord@giz-nord.de

### 2. Hazards identification

#### 2.1. Classification

Classified dangerous in accordance with Directive 1272/2008/EU: Dangerous mixture  
H 319, Causes serious eye irritation, Classified dangerous (2. category)

#### 2.2. Symbols on package According to Directive 1272/2008/EU

Warnings: H319 Causes serious eye irritation

Precautionary measures: P102 Keep out of reach of children.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/clothing/eye protection/ face protection

Preventive measures: P301 + P312 If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell

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 or doctor

P330 Rinse mouth

P337 + P313 If eye irritation persists: Get medical advice/attention.

P321 Specific treatment (see on the label)

P362 Take off contaminated clothing and wash before reuse

P501 Dispose of contents/container to hazard waste

Sign of danger:



GHS 07

### 2.3. Other dangers

Fire hazard: Moderate fire hazard, not readily ignites. Fire hazard class: „C“

Hazard for human health: Irritating to eyes

Hazard for environment: No risk of environmental pollution, if handled, stored and inactivated in prescribed way. Avoid getting to environment accidentally.

## 3. Composition / information on ingredients

**3.1. Substances:** The product is classified as mixture according to 1272/2008/EU regulation

### 3.2. Mixtures:

Component	CAS No.	Content in %	ECS No.	Danger 1272/2008 EU
Alkylbenzenesulfonic acid monoethanolamine salt	068910-32-7	2 - 30	272-734-1	H 319 P 264, P 280 P 305+P 351+P 338 P337+P313
Monoethanolamine oleate	2272-11-9	5 - 24	218-878-0	H 319 P 264, P 280 P 305+P 351+P 338 P337+P313
Ethoxylated fatty alcohol	66455-14-9	5 - 20	500-165-3	H 302 P264, P270, P301 + P312, P330, P501 H 319 P264, P280, P305 + P351 + P338 P310

## 4. First aid measures

### 4.1 Statement of first aid measures:

The promptness and competence of first aid may reduce the development and seriousness of the symptoms

Generally: The casualties should be removed from the danger area, taken to fresh air, or well-ventilated room, and provide medical service after first aid.

Don't make drink or vomit the unconscious casualties

Inhalation: not likely to occur with the preparation, if happens: take the person to fresh air

Eye contact: wash the eyes thoroughly for 15 min with plenty of water, meanwhile parting edges of eyelids and moving the eyeball. In case of complaints go to a specialist

Skin contact: wash the skin with plenty of water after taking off contaminated clothes and shoes

Ingestion: wash the mouth first, and make the person drink plenty of water. In case of complaints go to specialist

### 4.2 Major acute and retarded symptoms and effects:

Unpleasant taste if swallowed, stomach-ache after 1-4 hours, nose-bleed, lethargy.

### 4.3 Immediate medical care and special treatment:

In case of suspicion of poisoning or symptoms of poisoning occur, immediately call for medical assistance and show the doctor the label and the SDS of the preparation.

Notice for the doctor: treat according to symptoms

## 5. Firefighting measures

Class of fire hazard: „C“

Flash-point: is not defined in original package (flash point of filled pva pillow is above  $>55\text{ }^{\circ}\text{C}$  (closed space) and  $>100\text{ }^{\circ}\text{C}$  (open space))

Temperature of combustion:  $400\text{ }^{\circ}\text{C}$

### 5.1. Suitable material for extinguishing:

Alcohol-resistant foam, carbon dioxide ( $\text{CO}_2$ ), sodium hydrogen carbonate ( $\text{NaHCO}_3$ ), sand, dolomite

### 5.2. Special risks originated from material or preparation:

Carbon dioxide, carbon monoxide, acetic acid ( $\text{CH}_3\text{COOH}$ ),  $\text{NO}_x$

### 5.3. Special protective equipment for fire-fighters:

Don't stay in the danger area without using fresh-air respirator.

## 6. Accidental release measures

### 6.1. Personal precautions, personal protection emergency procedure:

Avoid the contact to eyes and skin, wearing of protective accessories (rubber or plastic gloves, protective glasses) is necessary.

### 6.2. Environmental precautions:

Prevent the preparation from getting into sewer or living water (ducting around)

**6.3. Methods and materials for area demarcation and decontamination:**

Scoop up the preparation poured out, absorb the remnants with sand. Remove the polluted soil. Handle the contaminated preparation, absorbing sand and polluted soil as hazardous waste.

**6.4. Reference to other sections:** none**7. Handling and storage****7.1. Precautions for safe handling:**

Store in original package in a cool (0-40 °C) dry place, separated from foodstuffs. Washing detergent in intact capsules does not cause pollution. Capsules dissolve in water, therefore keep out reach of water during storage.

**7.2. Terms of safe storage with incompatibilities:**

Keep the preparation away from inflammable matters, do not smoke.

**7.3. Special application:**

The product is a washing detergent prepacked in water soluble capsules.

When use: put the product directly into the washing machine between the clothes.

**8. Exposure controls / Personal protection****8.1. Parameters to check / Exposure limit values:** Not stated**8.2. Exposure controls:**

When intact the product will not cause exposure. Avoid cutting, piercing or treading of the capsules.

The product dissolves in water, avoid accidental water splashing or handling with wet hands.

Avoid the contact with the preparation with prudent working methods; keep safety and hygiene prescriptions of for working with chemicals. Attention of workers has to be called that in case of getting into the eyes the preparation causes irritation.

**Precautionary measures, protective devices:**

Technical measures: Keep general precautionary measures for handling chemicals

Hygiene measures: Do not smoke, do not eat or drink while handling the product

**Personal protection devices:**

Respiratory protection: not necessary, avoid inhaling the preparation

Eye and face protection: avoid contact to eyes, wear protective glasses while handling or decontaminating large quantities

Skin protection: not necessary

Labour health measures: take off polluted clothes immediately. Wash hands and face after handling the preparation.

**8.3. Environmental protection:**

Keep instructions of handling and storage. Store large quantities in a storage area what keeps the preparation from getting into living water, soil or sewer.

## 9. Physical and chemical properties

### 9.1. General information physical and chemical properties:

Physical state: liquid packed in plastic capsules

Color: colored

Odor: typical for the preparation, perfumed

### 9.2. Other information:

Flash-point (P-M): Not defined in original package (flash point of filling material >55°C in plastic bag)

Viscosity: 1,0 g cm<sup>-3</sup> (at + 15°C)

Water solubility: soluble

PH: approx. 8

Solubility: Dissolves in water without restraint

Explosive properties: not explosive in original package

Oxidizing properties: not oxidizing

## 10. Stability and reactivity

10.1. **Ability of reaction:** not typical

10.2. **Chemical stability:** stable under normal conditions and prescribed handling (see Section 7.)

10.3. **Possibility of dangerous reactions:** no dangerous polymerization occur

10.4. **Conditions to avoid:** heat, ignition

10.5. **Incompatible materials:** water (during storage), firm oxidizing materials

10.6. **Dangerous disintegration:** none in proposed application

## 11. Toxicological information

### 11.1 Information on toxicological effects:

There were no toxicological examinations done. Toxicological classing was done solely in terms of the components according to 1999/45/EU and 44/2000. EuM.

The LD<sub>50</sub> value of hazardous components in rats orally 1.000 - 2.000 mg/bwkg.

Effects of exposition:

If swallowed: (large quantity) irritating the mucous membranes and the stomach

If in eye: can cause irritation

## 12. Eco toxicity information

**12.1. Toxicity:** no available information

**12.2. Persistence, degradability:** active surfactant ingredients are compatible with biological degradable processes for cleaning materials laid in 648/2004/EU. Data are accessible to authorized organizations of the member-states and available for them and for manufactures of cleaning materials in case of direct requests.

**12.3. Ability of bioaccumulation:** not stated

**12.4. Mobility in soil:** not stated

**12.5. Evaluation of PBT/vPvB:** preparation does not contain any PBT/vPvB material

**12.6. Other harmful effects:** in case of expert handling and use no problems are expected.

## 13. Disposal considerations, inactivation

### 13.1. Methods of waste handling:

Do not handle together with communal waste; do not spread into living water, sewer or soil. Remaining preparation, expired products or polluted packaging materials shall be burned in controlled way according to 72/2013 VM direction. EWC code: 20 01 29\*

## 14. Transport information

**14.1. UN. Number:** not stated

**14.2. Appropriate denomination of transport according to United Nations:** not stated

**14.3. Transport danger classification:** not subject to ADR/RID/ADN (LD<sub>50</sub> per os >200 mg/bwkg, biodegradable, living water LC<sub>50</sub> > 1 mg dm<sup>-3</sup>)

**14.4. Group of packaging:** not stated

**14.5. Environmental risks:** Keep instructions of handling and storage. Store large quantities in a storage area what keeps the preparation from getting into living water, soil or sewer.

**14.6. Special precautionary measures for end users:** not stated

**14.7. Transport in bulk according to IBC and MARPOL 73/78 II. Supplement:** not stated

## 15. Regulatory information

**15.1. Relevant safety, medical and environmental protection laws and decrees to be kept in relation of the materials and preparation:**

Labor safety: XCIII. act of 1993 on labor safety, and relevant decrees of NM and MuM

Hazardous materials: XXV. act of 2000 on Chemical Safety, 44/2000 EuM and 41/2000 EuM - KoM decree

Waste handling: CLXXXV. act of 2012 on Waste materials, 72/2013. VM decree.

Fire protection: XXXI. act of 1995 on Fire protection, technical rescue and Firefighters, 28/2011. BM decree

### **15.2. Evaluation of chemical safety:**

According to 1272/2008/EU regulation chemical safety evaluation is not necessary to be prepared for mixtures, only for substances.

### **16. Other information**

The water soluble package of the product contains BITREX<sup>TM</sup> aversive agent, which if in mouth evokes a spit out reflex within 6 seconds.

Above information is based on our present knowledge and refer the shipped status of the product. It describes the product only for requirements of safety, and do not guarantee certain properties of the product, and does not substitute the product specification. This data sheet does not mean any legal obligation or responsibility for the use or consequences of misuse the product under any conditions.