

1 Identification

· **Product identifier:**

· **Trade name:** Black & White Tabs

· **Other means of identification**

· **Article number:** 105.371-105.365-132.740

· **Application of the substance / the preparation:** Cleaning material/ Detergent

· **Details of the supplier of the safety data sheet:**

· **Manufacturer/Supplier:**

Schulz & Sohn GmbH
Chemie-Erzeugnisse
Hoeheweg 327
D-40231 Duesseldorf
sida@schulzchemie.com

Distributet by:

Thermoplan AG
Thermoplan-Platz 1
CH-6353 Weggis
Tel.: +41 41 3921200
thermoplan@thermoplan.ch

· **Information department:** Product safety department

· **Emergency telephone number:**

POISON CONTROL
National Capital Poison Center
Tel.: 1-800-222-1222

2 Hazard identification

· **Classification of the substance or mixture:**

Eye damage/irritation – Category 1 H318 Causes serious eye damage.

· **Label elements:**

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



GHS05

· **Signal word:** Danger

· **Hazard-determining components of labeling:**

sodium percarbonate
tartaric acid

· **Hazard statements:**

Causes serious eye damage.

· **Precautionary statements:**

Wear protective clothing / eye protection.

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

If eye irritation persists: Get medical advice/attention.

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- Information pertaining to particular dangers for man and environment:
- Classification system:
- NFPA ratings (scale 0 - 4):



- HMIS-ratings (scale 0 - 4):



3 Composition/Information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
497-19-8	sodium carbonate ⚠ Eye damage/irritation – Category 2A, H319	10-30% w/w
15630-89-4	sodium percarbonate ⚠ Oxidizing solids – Category 2, H272; ⚠ Eye damage/irritation – Category 1, H318; ⚠ Acute Toxicity (Inhalation) - Category 4, H332	10-30% w/w
87-69-4	tartaric acid ⚠ Eye damage/irritation – Category 1, H318; ⚠ Specific target organ toxicity (single exposure) – Category 3, H335	10-30% w/w

Actual concentration ranges are withheld as a trade secret.

4 First-aid measures

- Description of first aid measures:
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately rinse with water.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Rinse out mouth and then drink plenty of water.
- 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 fighting measures that suit the environment.
- Special hazards arising from the substance or mixture: No further relevant information available.
- Advice for firefighters:
- Protective equipment: Wear self-contained respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Not required
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Pick up mechanically.
- Reference to other sections:
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling:** Prevent formation of dust.
- **Information about protection against explosions and fires:** Protect from heat.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Storage between 5 and 40°C.
- **Information about storage in one common storage facility:** Not required
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Protect from heat and direct sunlight.
Store in dry conditions.
Protect from humidity and water.
- **Storage class:** 13
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/ Personal protection

- **Control parameters:**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls:**
- **Additional information about design of technical systems:** No further data; see section 7.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves!

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves:**
Recommendation:
uvex u-chem 3000 (DIN EN 374)
Material: Nitrile rubber, NBR
Thickness of the material: 0,5 mm
Value for the permeation: > 480 min (Level 6)
Recommendation:
uvex u-fit strong N2000 (DIN EN 374)
Material: Nitrile rubber, NBR
Thickness of the material: 0,2 mm
Value for the permeation: > 480 min (Level 6)

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· **Penetration time of glove material:**

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.

· **Eye protection:**



Tightly sealed goggles!

9 Physical and chemical properties

· **Information on basic physical and chemical properties:**

· **General Information:**

· Physical state	Solid
· Color:	White
· Odor:	Characteristic
· Odor threshold:	Not determined
· Melting point/Melting range:	Undetermined
· Boiling point/Boiling range:	Undetermined
· Flammability:	Not determined
· Explosion limits:	
· Lower:	Not determined
· Upper:	Not determined
· Flash point:	> 100 °C
· Decomposition temperature:	Not determined
· pH-value at 20 °C:	10.1
· Viscosity:	
· Kinematic:	Not applicable
· Dynamic:	Not applicable
· Solubility in / Miscibility with:	
· Water:	Soluble.
· Partition coefficient (n-octanol/water):	Not determined
· Vapor pressure:	Not applicable
· Vapor pressure:	
· Density at 20 °C:	1,000 g/cm ³
· Relative density:	Not determined
· Vapour density:	Not applicable
· Particle characteristics	Not determined

· **Other information:**

· **Appearance:**

· **Form:** Solid

· **Important information on protection of health and environment, and on safety.**

· **Ignition temperature:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Solvent content:**

· **Solids content:** 100.0 %

· **Change in condition:**

· **Evaporation rate:** Not applicable.

10 Stability and reactivity

· **Reactivity:** No further relevant information available.

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- **Chemical stability:**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions 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 toxicological effects:**
- **Acute toxicity:**
- **Primary irritant effect:**
on the eye: Strong irritant with the danger of severe eye injury.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer):**

None of the ingredients is listed.

· **NTP (National Toxicology Program):**

None of the ingredients is listed.

12 Ecological information

- **Toxicity:**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects:**
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
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:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

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14 Transport information

· UN-Number	Void
· DOT/TDG, ADR, IMDG, IATA	Void
· UN proper shipping name	Void
· DOT/TDG, ADR, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT/TDG, ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	Void
· DOT/TDG, ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· Special precautions for user	Not applicable
· UN "Model Regulation":	Void

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

No further relevant information available.

· **Sara:**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

7758-29-4 pentasodium triphosphate

· **TSCA (Toxic Substances Control Act):**

497-19-8	sodium carbonate	ACTIVE
15630-89-4	sodium percarbonate	ACTIVE
87-69-4	tartaric acid	ACTIVE
7758-29-4	pentasodium triphosphate	ACTIVE
25322-68-3	polyethylene glycol	ACTIVE

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL):**

All ingredients are listed.

· **Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 0.1%):**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%):**

497-19-8 sodium carbonate

· **Per- and polyfluoroalkyl substances (PFAS)**

None of the ingredients is listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16 Other information

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:**

H272 May intensify fire; oxidizer.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

· **Department issuing SDS:** HSE department

· **Contact:** HSE Department

· **Date of preparation** 01/13/2026

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

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