

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.03.2023

Version number 2

Revision: 01.03.2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Non-Alcohol, Cleaning Liquid #53-5
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:** Cleaning
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 Company Name: DONGGUAN SHENGTECH ELECTRONIC LIMITED
 Full address: NO. 14, iao Dong Road, Shi ie Town, Dongguan City, Guang Dong Provinces, China.
 Telephone: +86-769-86633236
 Email: Gary.lu@tby.com.tw
- **Only Representative / other EU contact point:** Not available
- **Further information obtainable from:**
 Company Name: Taiwan Bor Ying corporation
 Full address: No. 61, Lane 369, Kimmen Street, Pan Chiao district, New Taipei City, Taiwan
 Telephone: +886 226815456
 Email: Gary.lu@tby.com.tw
- **1.4 Emergency telephone number:**
 IRELAND
 National Poisons Information Centre:
 Tel: +353 (01) 809 2566 (for healthcare
 +353 (01) 809 2166 (For Public; 8am - 10pm)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
 The product is not classified, according to the CLP regulation.
- **Information concerning particular hazards for human and environment:**
 The product has not to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.
- **Classification system:**
 The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Not applicable
- **Hazard pictograms** Not applicable.
- **Signal word** Not applicable.
- **Hazard statements** Not applicable.
- **Precautionary statements** Not applicable.
- **2.3 Other hazards** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:**
 Mixture of substances listed below with nonhazardous additions.

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For the wording of the listed hazard statements refer to Section 16.

· Composition:

CAS: 7732-18-5 EINECS: 231-791-2	Water	89-98.5%
CAS: 9004-82-4	Sodium dodecylpoly(oxyethylene) sulfate ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	1-5%
CAS: 6440-58-0 EINECS: 229-222-8	1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione ⚠ Acute Tox. 4, H302	0.70%
CAS: 55406-53-6 EINECS: 259-627-5 Index number: 616-212-00-7	3-iodo-2-propynylbutylcarbamate ☠ STOT RE 1, H372; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317	0.025%

SECTION 4: First aid measures

- **General information :** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately rinse with water.
Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for 10 minutes under running water.
- **After swallowing:** If symptoms persists, consult a doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Not available
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Use Personal Protective equipment recommended in section 8.
- **6.2 Environmental precautions:** Dilute with plenty of water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
No special measures required.
For the general occupational hygienic measures refer to Section 8.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **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:** None.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:	
6440-58-0 1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione (0.7%)	
MAK (Germany)	vgl. Abschn. IIb und Xc
55406-53-6 3-iodo-2-propynylbutylcarbamate (0.025%)	
AGW (Germany)	Long-term value: 0.058 mg/m ³ , 0.005 ppm 2 (I); DFG, Y, Sh, 11

· **Regulatory information**

MAK (Germany): MAK- und BAT-Liste

AGW (Germany): TRGS 900

· **DNELs** Not available· **PNECs** Not available· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.

· **Appropriate engineering controls** See section 7 for information about design of technical facilities.· **Personal protective equipment:**· **Respiratory protection:** Not required.· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the

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resistance of the glove material can not 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.

· **Eye protection:**



Tightly sealed goggles

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

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

· **Appearance:**

Form:	Liquid
Colour:	Transparent
Odour:	Odourless
· Odour threshold:	Not available

· **pH-value:** 6.1-7.1

· **Change in condition**

Melting point/freezing point:	Not available
Initial boiling point and boiling range:	Not available

· **Flash point:** >100 °C

· **Flammability (solid, gas):** Not applicable.

· **Auto-ignition temperature:** Not available

· **Decomposition temperature:** Not available

· **Self-igniting:** Not determined.

· **Explosive properties:** Not determined.

· **Explosion limits:**

Lower:	Not available
Upper:	Not available

· **Vapour pressure:** Not available

· **Density:** Not available

· **Relative density:** Not available

· **Vapour density:** Not available

· **Evaporation rate:** Not available

· **Solubility in / Miscibility with water:**

Not available

· **Partition coefficient: n-octanol/water:** Not available

· **Viscosity:**

Dynamic: Not available

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Kinematic:

Not available

· 9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity

No decomposition if used according to specifications.

No further relevant information available.

· 10.2 Chemical stability

Stable under recommended storage conditions.

· 10.3 Possibility of hazardous reactions

No dangerous reactions known.

· 10.4 Conditions to avoid

No further relevant information available.

· 10.5 Incompatible materials:

No further relevant information available.

· 10.6 Hazardous decomposition products:

No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

9004-82-4 Sodium dodecylpoly(oxyethylene) sulfate

Oral	LD50	1,600 mg/kg (rat)
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55406-53-6 3-iodo-2-propynylbutylcarbamate

Oral	LD50	1,470 mg/kg (rat)
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Dermal	LD50	>2,000 mg/kg (rat)
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Inhalative	LC50/4 h	>6.89 mg/l (rat)
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· Skin corrosion/irritation Based on available data, the classification criteria are not met.

· Serious eye damage/irritation Based on available data, the classification criteria are not met.

· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Not available

· 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.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity: No further relevant information available.

· 12.2 Persistence and degradability

No further relevant information available.

· 12.3 Bioaccumulative potential

No further relevant information available.

· 12.4 Mobility in soil

No further relevant information available.

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- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:** No further relevant information available

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Small quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- | | |
|--|--|
| · 14.1 UN-Number | |
| · ADR/RID/ADN, IMDG, IATA | Not applicable |
| · 14.2 UN proper shipping name | |
| · ADR/RID/ADN, IMDG, IATA | Not applicable |
| · 14.3 Transport hazard class(es) | |
| · ADR/RID/ADN, IMDG, IATA | |
| · Class | Not applicable |
| · Label | Not applicable |
| · 14.4 Packing group | |
| · ADR/RID/ADN, IMDG, IATA | Not applicable |
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · EMS Number: | Not applicable |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · 14.8 Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | Not applicable |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **MAK (German Maximum Workplace Concentration)**
- None of the ingredients is listed.
- **Directive 2012/18/EU**
- **Seveso category** Not applicable

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- **Qualifying quantity (tonnes) for the application of lower-tier requirements** Not applicable
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** Not applicable

· **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.

· **National regulations:**

· **Waterhazard class:** Generally not hazardous for water.

· **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (19/1/2021)**

No ingredient identified at $\geq 0.1\%$

· **REACH Regulation Annex XVII Restriction (25/1/2021)**

See Section 16 for information about restriction of use.

None of the ingredients is listed.

· **REACH Regulation Annex XIV Authorisation list (6/2/2020)**

None of the ingredients is listed.

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

SECTION 16: Other information

· **Relevant hazard statements**

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reason, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

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)

DNEL: Derived No-Effect Level (REACH)

PNEL: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

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*LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**SVHC: Substances of Very High Concern**vPvB: very Persistent and very Bioaccumulative**Acute Tox. 4: Acute toxicity - oral – Category 4**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**Skin Sens. 1: Skin sensitisation – Category 1**STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1**Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1**Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*

***Data compared to the previous version altered**

1. Changes in the Section 15 subheadings.

The dates of the following REACH Regulation Annex have been updated.

Version 1:

SVHC Candidate List of REACH Regulation Annex XIV Authorisation (15/1/2019)

REACH Regulation Annex XVII Restriction (17/12/2018)

REACH Regulation Annex XIV Authorisation list (13/6/2017)

Version 2:

SVHC Candidate List of REACH Regulation Annex XIV Authorisation (19/1/2021)

REACH Regulation Annex XVII Restriction (25/1/2021)

REACH Regulation Annex XIV Authorisation list (6/2/2020)

End of Document