

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name	Tork Surface Cleaning Wet Wipes
Article number	190594, 190694

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Wipes for cleaning
Uses that are advised against	Do not apply to face, avoid contact with eyes

1.3. Details of the supplier of the safety data sheet

Company	Essity Hygiene and Health AB (previously SCA Hygiene Products AB) SE-40503 Göteborg Sweden
Telephone	+46 (0)31 746 00 00
E-mail	info@essity.com
Website	www.essity.com

1.4. Emergency telephone number

Acute cases: Call 112, request poison information.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Upon assessment, this mixture is not classified as hazardous according to 1272/2008

2.2. Label elements

Hazard pictogram	Not applicable
Signal word	Not applicable
Hazard statement	Not applicable

Supplemental hazard information

EUH210 Safety data sheet available on request.

2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB

This product has been tested according to "United Nations Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria Part III – 32.5.2." and is not classified as flammable in accordance with section 2.6.4.5 of regulation (EC) No 1272/2008, Annex I.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
ETHANOL		
CAS No: 64-17-5 EC No: 200-578-6 Index No: 603-002-00-5 REACH: 01-2119457610-43	Flam Liq 2; H225	1 - 10 %
3-IODO-2-PROPYNYL N-BUTYLCARBAMATE		
CAS No: 55406-53-6 EC No: 259-627-5 Index No: 616-212-00-7 REACH: 01-2120762115-60	Acute Tox 3 <i>dust-mist</i> , Acute Tox 4 <i>oral</i> , Eye Dam 1, Skin Sens 1, STOT RE 1, Aquatic Acute 1; <i>M</i> = 10, Aquatic Chronic 1; <i>M</i> = 1; H331, H302, H318, H317, H372, H400, H410	<0.1 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

Contents according to 648/2004.

<5% Non-ionic surfactants.

<5% Amphoteric surfactants.

Preservation: Iodopropynyl butylcarbamate, Methylisothiazolinone

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Generally

Never attempt to administer liquid, or anything else, to an unconscious person via the mouth.

Upon breathing in

Allow the injured person to rest in a warm place with fresh air, if symptoms persist seek medical attention.

Upon eye contact

Rinse the eye for several minutes with lukewarm water. If irritation persists call a doctor.

Upon skin contact

Remove contaminated clothes.

Wash the skin with soap and water.

If symptoms occur, contact a physician.

Upon ingestion

First rinse the mouth thoroughly with plenty of water and SPIT OUT the rinsing water. Then drink at least half a litre of water and contact the doctor.

4.2. Most important symptoms and effects, both acute and delayed

Upon eye contact

Eye irritation may occur.

Upon skin contact

Skin irritation may occur.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguish with materials intended for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Produces fumes containing harmful gases (carbon monoxide and carbon dioxide) when burning.

5.3. Advice for fire-fighters

Protective measures should be taken regarding other material at the site of the fire.

In case of fire use a respirator mask.

Wear full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use recommended safety equipment, see section 8.
Switch off equipment which has an exposed flame, glows, or has a heat source of some other kind.
Ensure good ventilation.

6.2. Environmental precautions

Avoid release to drains, soil or watercourses.

6.3. Methods and material for containment and cleaning up

Minor spillage should be wiped away or flushed away with water. Large quantities should be collected for incineration in accordance with the local regulations.

6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid open fire, hot items, sparks or other ignition sources.
Take precautionary measures against static discharge.
Store this product separately from food items and keep it out of the reach of children and pets.
Do not eat, drink or smoke in premises where this product is handled.
Handle in premises with good ventilation.
Do not inhale the fumes and avoid exposure to skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Store in dry and cool area.
Always use sealed and visibly labeled packages.
Store in a well-ventilated space.

7.3. Specific end uses

See identified uses in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. National limit values

ETHANOL

United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 1000 ppm / 1920 mg/m³

METHANOL

United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 200 ppm / 266 mg/m³

Short term exposure limit (STEL) 250 ppm / 333 mg/m³

Note Sk

SULFURIC ACID

United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 0.05 mg/m³ (Aerosol)

PROPYLENE GLYCOL

United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 10 mg/m³ (Particulates) / 150 ppm (Total (vapour and particulates)) / 474 mg/m³ (Total (vapour and particulates))

TERT-BUTANOL

United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 100 ppm / 308 mg/m³
Short term exposure limit (STEL) 150 ppm / 462 mg/m³

Explanations of abbreviations are given in Section 16b

DNEL ETHANOL

	Type of exposure	Route of exposure	Value
Worker	Acute Local	Inhalation	1900 mg/m ³
Consumer	Chronic Systemic	Inhalation	114 mg/m ³
Worker	Chronic Systemic	Dermal	343 mg/kg bw/d
Worker	Chronic Systemic	Inhalation	950 mg/m ³
Consumer	Acute Local	Inhalation	950 mg/m ³
Consumer	Acute Local	Dermal	950 mg/m ³
Consumer	Chronic Systemic	Oral	87 mg/kg
Consumer	Chronic Systemic	Dermal	206 mg/kg bw/d

3-IODO-2-PROPYNYL N-BUTYLCARBAMATE

	Type of exposure	Route of exposure	Value
Worker	Acute Local	Inhalation	1.16 mg/m ³
Worker	Chronic Systemic	Dermal	2 mg/kg bw
Worker	Acute Systemic	Inhalation	70 mg/m ³
Worker	Chronic Local	Inhalation	1.16 mg/m ³
Worker	Chronic Systemic	Inhalation	23 mg/m ³

**PNEC
ETHANOL**

Environmental protection target	PNEC value
Fresh water	0.96 mg/l
Freshwater sediments	3.6 mg/kg
Marine water	0.79 mg/l
Marine sediments	2.9 mg/kg
Microorganisms in sewage treatment	580 mg/l
Soil (agricultural)	0.63 mg/kg

3-IODO-2-PROPYNYL N-BUTYLCARBAMATE

Environmental protection target	PNEC value
Fresh water	500 µg/L
Freshwater sediments	0.017 mg/kg dw
Marine water	46 µg/L
Marine sediments	0.0016 mg/kg dw
Microorganisms in sewage treatment	440 µg/L
Soil (agricultural)	5 µg/L
Intermittent	53 µg/L

8.2. Exposure controls

In terms of minimizing risks, attention must be paid to the physical hazards (see Sections 2 and 10) of this product according to EU directives 89/391 and 98/24 and national occupational legislation.

8.2.1. Appropriate engineering controls

Handle in premises with good ventilation.

Eye/face protection

Eye protection should be worn if there is any danger of direct exposure or splashing.

Skin protection

Use protective gloves fulfilling the standard EN374 if there is a risk of direct contact.

Respiratory protection

Respiratory protection is not normally required.

8.2.3. Environmental exposure controls

For limitation of environmental exposure, see Section 12.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Appearance	Form: wipe.
b) Odour	characteristic
c) Odour threshold	Not applicable
d) pH	Not applicable
e) Melting point/freezing point	Not applicable
f) Initial boiling point and boiling range	Not applicable
g) Flash point	48.5 °C
h) Evaporation rate	Not applicable
i) Flammability (solid, gas)	Not applicable
j) Upper/lower flammability or explosive limits	Not applicable
k) Vapour pressure	Not applicable
l) Vapour density	Not applicable
m) Relative density	Not applicable
n) Solubility	Solubility in water: Soluble
o) Partition coefficient: n-octanol/water	Not applicable
p) Auto-ignition temperature	Not applicable
q) Decomposition temperature	Not applicable
r) Viscosity	Not applicable
s) Explosive properties	Not applicable
t) Oxidising properties	Not applicable

9.2. Other information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Avoid heat, sparks and open flames.
Protect from moisture.

10.5. Incompatible materials

Avoid contact with acids, bases and oxidizing agents.
Peroxides.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

Acute toxicity

The product is not classified as acutely toxic.

ETHANOL

LD50 rabbit 24h: > 20000 mg/kg Dermally
LC50 rat 4h: 124.7 mg/L Inhalation
LD50 rat 24h: 6200 mg/kg Orally

3-IODO-2-PROPYNYL N-BUTYLCARBAMATE

LD50 rabbit 24h: > 2000 mg/kg Dermally
LC50 rat 4h: 6.89 mg/l Inhalation

LD50 rat 24h: 300 - 500 mg/kg Orally

Skin corrosion/irritation

The criteria for classification cannot be considered fulfilled based on available data.

Serious eye damage/irritation

The criteria for classification cannot be considered fulfilled based on available data.

Respiratory or skin sensitisation

The product contains a low level of allergenic substance.

The criteria for classification cannot be considered fulfilled based on available data.

Germ cell mutagenicity

The criteria for classification cannot be considered fulfilled based on available data.

Carcinogenicity

The criteria for classification cannot be considered fulfilled based on available data.

Reproductive toxicity

The criteria for classification cannot be considered fulfilled based on available data.

STOT-single exposure

The criteria for classification cannot be considered fulfilled based on available data.

STOT-repeated exposure

The criteria for classification cannot be considered fulfilled based on available data.

Aspiration hazard

The criteria for classification cannot be considered fulfilled based on available data.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No ecological damage is known or expected in the event of normal use.

ETHANOL

LC50 Rainbow trout (*Oncorhynchus mykiss*) 96h: 13480 mg/L

LC50 fathead minnow (*Pimephales promelas*) 96h: 13480 mg/L

LC50 Freshwater water flea (*Daphnia magna*) 48h: 5400 mg/L

EC50 Freshwater water flea (*Daphnia magna*) 48 h: 9268 mg/L

LC50 Ide (*Leuciscus idus*) 48h: 8140 mg/L

EC50 Freshwater water flea (*Daphnia magna*) 24h: 10800 mg/l

IC50 Algae 72h: > 10.9 mg/L

LC50 Common Bleak (*Alburnus alburnus*) 96h: 11000 mg/L

LC50 Rainbow trout (*Oncorhynchus mykiss*) 24h: 11200 mg/L

IC50 *Pseudomonas* (*Pseudomonas putida*) 16h: 6500 mg/L

3-IODO-2-PROPYNYL N-BUTYLCARBAMATE

LC50 Rainbow trout (*Oncorhynchus mykiss*) 96h: > 0.067 mg/l

EC50 Freshwater water flea (*Daphnia magna*) 48 h: > 0.16 mg/l

EC50 Algae 72 h: > 0.022 mg/l

12.2. Persistence and degradability

There is no information regarding persistence or degradability.

12.3. Bioaccumulative potential

There is no information regarding bioaccumulation.

12.4. Mobility in soil

Information about mobility in nature is not available.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Other adverse effects

No known effects or hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste handling of the product

Discarded products must be disposed of as hazardous waste in accordance with regulations.

Not completely emptied packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely emptied packaging can be recycled.

Observe local regulations.

Avoid discharge into sewers.

See also national waste regulations.

SECTION 14: TRANSPORT INFORMATION

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number

Not classified as dangerous goods

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

14.8 Other transport information

This product has been tested according to "United Nations Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria Part III – 32.5.2." and is not classified as a dangerous good.

SECTION 15: REGULATORY INFORMATION

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

Not indicated.

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

SECTION 16: OTHER INFORMATION

16a. Indication of where changes have been made to the previous version of the safety data sheet

Revisions of this document

Earlier versions

2018-11-05 Changes in section(s) 2, 3, 4, 7, 8, 9, 11, 14.

16b. Legend to abbreviations and acronyms used in the safety data sheet

Full texts for Hazard Class and Category Code mentioned in section 3

Flam Liq 2	Flammable liquids (Category 2)
Acute Tox 3 <i>dust-mist</i>	Acute toxicity (Category 3 dust/mist)
Acute Tox 4 <i>oral</i>	Acute toxicity (Category 4 oral)
Eye Dam 1	Irreversible Eye Effects (Category 1)
Skin Sens 1	May cause an allergic skin reaction (Category 1)
STOT RE 1	Specific target organ toxicity - repeated exposure (Category 1)
Aquatic Acute 1; <i>M = 10</i>	Very toxic to aquatic life (Category Acute 1 M=10)
Aquatic Chronic 1; <i>M = 1</i>	Very toxic to aquatic life with long lasting effects to aquatic environments (Category Chronic 1)

Explanations of the abbreviations in Section 8

United Kingdom (EH40/2005 (Third edition, published 2018))

Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity

Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA The International Air Transport Association

16c. Key literature references and sources for data

Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2019-03-07.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

- 1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
- 2015/830 COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- 1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- 648/2004 REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
- EH40/2005 EH40/2005 Workplace exposure limits
- 89/391 COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work
- 98/24 COUNCIL DIRECTIVE 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC)
- 1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

16e. List of relevant hazard statements and/or precautionary statements

Full texts for hazard statements mentioned in section 3

- H225 Highly flammable liquid and vapour
- H331 Toxic if inhaled
- H302 Harmful if swallowed
- H318 Causes serious eye damage
- H317 May cause an allergic skin reaction
- H372 Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

Warning for misuse

Not indicated.

Other relevant information

Not indicated

Editorial information



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