ECP INCORPORATED

Safety Data Sheet
TEC471 Thick and Blue

SECTION 1: Identification

1.1 Product identifier

Product name	TEC471 Thick and Blue
Product number	110900
Brand	Technicians Choice

1.3 Recommended use of the chemical and restrictions on use

Car Wash

1.4 Supplier's details

Name	ECP Incorporated
Address	11210 Katherine's Crossing, Suite 100 Woodridge IL 60517 United States of America
Telephone	630-754-4200

1.5 Emergency phone number(s)

CHEMTREC 800-424-9300

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Acute toxicity, inhalation, Cat. 5
- Acute toxicity, oral, Cat. 5
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1A

2.2 GHS label elements, including precautionary statements

Pictogram

Signal word	**Danger**
Hazard statement(s)	
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
Precautionary statement(s)	
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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
P363	Wash contaminated clothing before reuse.
P405	Store locked up.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Water (CAS no.: 7732-18-5; EC no.: 231-791-2)	**50 - 80 % (weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Sodium hydroxide (CAS no.: 1310-73-2; EC no.: 215-185-5; Index no.: 011-002-00-6)	**1 - 5 % (weight)**
CLASSIFICATIONS: Skin corrosion/irritation, Cat. 1A. HAZARDS: H314 - Causes severe skin burns and eye damage.	
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs (CAS no.: 85536-14-7)	**5 - 20 % (weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Tetrasodium EDTA (CAS no.: 64-02-8; EC no.: 200-573-9; Index no.: 607-428-00-2)	**0.1 - 1 % (weight)**
CLASSIFICATIONS: Acute toxicity, oral, Cat. 4; Eye damage/irritation, Cat. 1. HAZARDS: H302+H312 - Harmful if swallowed or in contact with skin; H318 - Causes serious eye damage.	
Sodium dodecyl sulfate (CAS no.: 151-21-3; EC no.: 205-788-1)	**1 - 10 % (weight)**
CLASSIFICATIONS: Flammable solids, Cat. 2; Acute toxicity, inhalation, Cat. 4; Acute toxicity, oral, Cat. 4; Hazardous to the aquatic environment, long-term (chronic), Cat. 3; Eye damage/irritation, Cat. 1; Skin corrosion/irritation, Cat. 2; Specific target organ toxicity (single exposure), Cat. 3; Hazardous to the aquatic environment, short-term (acute), Cat. 2. HAZARDS: H228 - Flammable solid; H302 - Harmful if swallowed; H315 - Causes skin irritation; H318 - Causes serious eye damage; H332 - Harmful if inhaled; H335 - May cause respiratory irritation; H401 - Toxic to aquatic life; H412 - Harmful to aquatic life with long lasting effects.	
Cocamidopropyl betaine (CAS no.: 61789-40-0)	**1 - 10 % (weight)**
CLASSIFICATIONS: Eye damage/irritation, Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 3; Hazardous to the aquatic environment, short-term (acute), Cat. 2. HAZARDS: H318 - Causes serious eye damage; H401 - Toxic to aquatic life; H412 - Harmful to aquatic life with long lasting effects.	
Sodium chloride (CAS no.: 7647-14-5; EC no.: 425-740-5; Index no.: 611-142-00-3)	**0.1 - 1 % (weight)**
CLASSIFICATIONS: Eye damage/irritation, Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 3. HAZARDS: H318 - Causes serious eye damage; H412 - Harmful to aquatic life with long lasting effects.	
2-Methyl-2H-isothiazol-3-one (CAS no.: 2682-20-4)	**0.01 - 0.5 % (weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

4.2 Most important symptoms/effects, acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary
No data available

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Dry powder

5.2 Specific hazards arising from the chemical
None

Tetrasodium EDTA: Carbon oxides, nitrogen oxides (NOx), Sodium oxides

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Sodium dodecyl sulfate : Carbon oxides, Sulphur oxides, Sodium oxides

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Sodium chloride : Hydrogen chloride gas, Sodium oxides

5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

6.3 Methods and materials for containment and cleaning up
SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. For precautions see section 2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Sodium hydroxide (CAS: 1310-73-2)
PEL (Inhalation): 2 mg/m3; USA (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): (C) 2 mg/m3; USA (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): (C) 2 mg/m3; USA (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): (C) 2 mg/m3; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

Respiratory protection
Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): In case of insufficient ventilation wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Blue Liquid
Odor	Cherry
Odor threshold	Not available
pH	7-10
Melting point/freezing point	32F
Initial boiling point and boiling range	212F
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility(ies)	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available

Viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity
None under normal use conditions.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
None under normal use conditions.

10.4 Conditions to avoid
None under normal use conditions.

10.5 Incompatible materials
None under normal use conditions.

Sodium hydroxide : Caustic soda reacts with all the mineral acids to form the corresponding salts. It also reacts with weak-acid gases, such as hydrogen sulfide, sulfur dioxide, and carbon dioxide. Caustic soda reacts with amphoteric metals (Al, Zn, Sn) and their oxides to form complex anions such as AlO2(-), ZnO2(-2), SNO2(-2), and H2 (or H2O with oxides). All organic acids also react with sodium hydroxide to form soluble salts. Another common reaction of caustic soda is dehydrochlorination.

Sodium dodecyl sulfate : Oxidizing agents

Sodium chloride : Strong oxidizing agents

10.6 Hazardous decomposition products
Other decomposition products - No data available In the event of fire: see section 5

Sodium hydroxide : Sodium oxides

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Not available

// ----- From the Suggestion report (06/18/2021, 7:28 AM) ----- //
ATE (inhalation, gaseous) of mixture: 45000 ppmv

// ----- From the Suggestion report (06/18/2021, 7:28 AM) ----- //
ATE (oral) of mixture: 4545.45 mg/kg

Skin corrosion/irritation
Irritating to skin.

Serious eye damage/irritation
Causes eye irritation.

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reproductive toxicity
No data available

STOT-single exposure
No data available

STOT-repeated exposure
No data available

Aspiration hazard
No data available

SECTION 12: Ecological information

Toxicity
No data available on product

Persistence and degradability
No data available on product

Bioaccumulative potential
No data available on product

Mobility in soil
No data available

Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

SECTION 13: Disposal considerations

Disposal of the product
Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill. Household Use: Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Canadian Domestic Substances List (DSL)
Chemical name: Water
CAS: 7732-18-5

Chemical name: Sodium hydroxide (Na(OH))
CAS: 1310-73-2

Chemical name: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.
CAS: 85536-14-7

Chemical name: Benzenesulfonic acid, dodecyl-
CAS: 27176-87-0

Chemical name: Sulfuric acid monododecyl ester sodium salt
CAS: 151-21-3

Chemical name: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts
CAS: 61789-40-0

Chemical name: Sodium chloride (NaCl)
CAS: 7647-14-5

Chemical name: 3(2H)-Isothiazolone, 2-methyl-
CAS: 2682-20-4

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Chemical name: Sodium hydroxide
CAS number: 1310-73-2

New Jersey Right To Know Components

Water
CAS-No. 7732-18-5

Common name: SODIUM HYDROXIDE
CAS number: 1310-73-2

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate
CAS-No. 10378-23-1

Sodium dodecyl sulphate
CAS-No. 151-21-3

Sodium chloride
CAS-No. 7647-14-5

Pennsylvania Right To Know Components
Water
CAS-No. 7732-18-5

Chemical name: Sodium hydroxide
CAS number: 1310-73-2

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate
CAS-No. 10378-23-1

Sodium dodecyl sulphate
CAS-No. 151-21-3

Sodium chloride
CAS-No. 7647-14-5

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards
No SARA Hazards

Acute Health Hazard

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

TEC471 Thick and Blue	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

SECTION 16: Other information