



## SAFETY DATA SHEET

DATE PREPARED: January 2019

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

#### 1.1 PRODUCT IDENTIFIER

TRUEX UK-20 SERIES

#### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

LIQUID WASTE TREATMENT DEODORIZER  
(FOR INDUSTRIAL USE ONLY)

#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

J&J CHEMICAL CO  
1450 ATHENS ROAD  
CRAWFORD, GA  
30630

Tel: (706) 743-1900 / Fax: (706) 743-7515  
E-Mail: info@jjchem.com

#### EMERGENCY TELEPHONE

1-800-535-5053  
(Available 24/7)  
FAX: 1-706-546-7178  
E-MAIL: info@jjchem.com

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE

##### GHS Classification:

Flammable Liquids (Category 4)  
Acute toxicity, Oral (Category 4)  
Skin corrosion, irritation (Category 2)  
Specific target organ toxicity, Single exposure; Respiratory tract irritation (Category 3)  
Serious eye damage/irritation (Category 2A)  
Acute toxicity, Inhalation (Category 5)  
Hazardous to the aquatic environment, long-term hazard (Category 1)

## 2.2 LABEL ELEMENTS:

### Pictogram



Signal Word: **DANGER**

### Hazard Statement(s)

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.

### Precautionary Statement(s) Prevention

P260	Do not breathe spray.
P270	Do not eat, drink, or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves and eye or face protection.
P285	In case of inadequate ventilation wear respiratory protection.

### Precautionary Statement(s) Response

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
P304 + P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position 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 or doctor.
P330 + P313	If skin irritation or rash occurs: Get medical advice.
P342 + P311	If experiencing respiratory symptoms: Call a POSION CENTER or doctor.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

### Precautionary Statement(s) Disposal

P501	Dispose of contents to an appropriate waste treatment facility in accordance with local regulations.
------	--

### HMIS Classification

Health Hazard:	2
Flammability:	1
Reactivity:	0
Special:	None

## 2.3 OTHER HAZARDS:

**MATERIALS TO AVOID:** Will react with peroxide, phenol, strong acids, amines and strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon, nitrogen, and sulfur.

**EFFECTS OF OVEREXPOSURE:** Irritation to digestive systems.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** Glutaraldehyde is a respiratory and dermal sensitizer

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

REACH registration not required:

Components are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006: the annual tonnage does not require a registration.

3.1 SUBSTANCES / MIXTURES

IDENTIFICATION NAME	CAS #	EC#	CONCENTRATION % W/W	Classification according to 1272/2008/EC
Fragrance Mixture (essential Oils and retardants)	Mixture	N/A	10-20	Not Classified
Polymeric Dye	NA	NA	2.9-6.3	Not Classified
TRADE SECRET			2.2-4.4	Flammable liquid (Category 3) Acute Toxicity, oral (Category 4) Skin corrosion (Category 1B) Serious eye damage (Category 1)
TRADE SECRET			3.7-7.3	Flammable liquid (Category 3) Acute Toxicity, oral (Category 4) Skin corrosion (Category 1B) Serious eye damage (Category 1)
TRADE SECRET			1.7-3.3	Flammable liquid (Category 3) Acute Toxicity, oral (Category 4) Skin corrosion (Category 1B) Serious eye damage (Category 1)
TRADE SECRET			1.7-3.3	Flammable liquid (Category 3) Acute Toxicity, oral (Category 4) Skin corrosion (Category 1B) Serious eye damage (Category 1)
Ethanol	64-17-5	200-578-6	2-5	Flammable liquid (Category 2) Eye irritation (Category 2A)
TRADE SECRET			1-3	Acute toxicity, oral (Category 3) Acute toxicity, inhalation (Category 1) Skin corrosion (Category 1) Serious eye damage (Category 1) Respiratory sensitization (Category 1) Skin sensitization (Category 1) Specific target organ toxicity- single exposure (Category 3)
TRADE SECRET			2-3	Acute toxicity, oral (Category 4) Serious eye damage (Category 1)

Other non classified components are also present in the product.

## SECTION 4. FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

**IN EYES:** Immediately flush eyes with water for 15 minutes. Remove contact lenses and continue flushing. Seek immediate medical attention if burning sensation exists after washing.

**SWALLOWED:** DO NOT induce vomiting. Seek medical attention immediately.

**ON SKIN:** Always wash with soap and water after use. Do not allow contaminated clothing to remain in contact with skin. Removal and handling of clothing and shoes from the individual is recommended. If redness, itching, or a burning sensation develops, get medical attention.

**INHALED:** Move to fresh air. If cough or other respiratory symptoms develop, seek medical attention.

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

**EFFECTS OF OVEREXPOSURE:** Irritation to eyes, skin, respiratory and digestive systems.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** Glutaraldehyde is a respiratory and dermal sensitizer

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED - N/A

## SECTION 5. FIRE FIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA:

Water, carbon dioxide, dry chemical, foam.

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

Not considered to be a fire or explosion hazard.

### 5.2 SPECIAL HAZARDS ARISING FROM SUBSTANCE / MIXTURE

Combustion products - Oxides of carbon, nitrogen, and sulfur.

### 5.3 ADVICE FOR FIREFIGHTERS:

Wear self-contained breathing apparatus to fight fires.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Wear skin, eye and respiratory protection during cleanup.

### 6.2 ENVIRONMENTAL PRECAUTIONS:

Area may be washed down with water and allowed to drain to municipal waste water.

### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Contain spill. Soak up material with absorbent and shovel into a chemical waste container. Cover container and remove from work area.

### 6.4 REFERENCE TO OTHER SECTIONS

Refer to sections 8 and 13

## SECTION 7. HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING:

Do not get into eyes, on skin, or on clothing. Concentrate is severe irritant to eyes and can cause severe skin irritation. Wash hands thoroughly after handling. May cause permanent eye damage if not removed promptly. Avoid ingestion. Harmful if

swallowed. Wear goggles and rubber gloves when handling. Avoid breathing concentrated vapors.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

Store in a cool, dry area away from heat and direct sunlight. Avoid frost. Not considered to be a fire or explosion hazard. Normal room ventilation is adequate.

**7.3 SPECIFIC END USE(S):**

**FOR INDUSTRIAL USE ONLY.** To provide cleaning and deodorizing for portable toilets. To use, dispense 15-25 ml (see label directions) into toilet holding tank with water (typically 20L).

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>8.1 CONTROL PARAMETERS:</b>	<b>% W/W</b>	<b>Country</b>	<b>Long term (8 hour TWA) ppm</b>	<b>mg.m<sup>-3</sup></b>	<b>Short term (30 minute) ppm</b>	<b>mg.m<sup>-3</sup></b>
--------------------------------	--------------	----------------	---------------------------------------	--------------------------	---------------------------------------	--------------------------

**WORKPLACE EXPOSURE LIMITS:**

<b>Ethanol - 64-17-5</b>	<b>4-9</b>	<b>Germany</b>	<b>500</b>	<b>960</b>	<b>2500</b>	<b>4800</b>
<b>Glutaraldehyde - 111-30-8</b>	<b>1-1.3</b>	<b>Germany</b>	<b>0.05</b>	<b>0.2</b>	<b>0.2</b>	<b>0.8</b>

**8.2 EXPOSURE CONTROLS:**

**VENTILATION:**

Normal room ventilation is adequate.

**RESPIRATORY PROTECTION:**

Not necessary under normal use.

**THERMAL HAZARDS:**

Not necessary under normal use.

**HANDS:**

Neoprene or other impervious gloves, tested according to EN 374-3. Wear suitable protective clothing.

**EYE/FACE:**

Safety glasses with side shield, goggles, or face shield. Eye protection should be specified to EN 166 category 3 or 3B.

**HYGENIC PRACTICES:**

Wash hands thoroughly after handling.

**OTHER:**

Eye wash station.

**ENVIRONMENTAL EXPOSURE CONTROLS:**

Keep container closed when not in use.

## SECTION 9. PHYSICAL/CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

INITIAL BOILING POINT: NE  
APPEARANCE AND ODOR: Blue liquid with pleasant fragrance  
VAPOR PRESSURE: NE  
SPECIFIC GRAVITY (water=1): 1.0  
VAPOR DENSITY (air=1): NE  
MELTING POINT: NE  
OXIDIZING PROPERTIES: NE  
FREEZING POINT: NE  
FLASH POINT: >93°C  
EVAPORATION RATE (butyl acetate=1): 1  
pH: 6.0 – 7.5  
FLAMMABILITY (Solid, Gas): NE  
EXPLOSIVE LIMITS: LEL: 3.3% (ethanol)  
UEL: 19% (ethanol)  
RELATIVE DENSITY: NE  
SOLUBILITY (IES): Soluble in water 100%  
PARTITION COEFFICIENT: n-octanol/water: NE  
AUTO IGNITION TEMPERATURE: NE  
DECOMPOSITION TEMPERATURE: NE  
VISCOSITY: NE  
EXPLOSIVE PROPERTIES: NE

### 9.2 OTHER INFORMATION: NE

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 REACTIVITY:

Presents no significant reactivity hazard.

### 10.2 CHEMICAL STABILITY:

Stable under normal conditions of use.

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS (HAZARDOUS POLYMERIZATION):

Will not occur

### 10.4 CONDITIONS TO AVOID:

NE

### 10.5 INCOMPATIBLE MATERIALS:

Will react with peroxide, phenol, strong acids, amines and strong oxidizing agents.

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon, nitrogen, and sulfur.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

**ACUTE TOXICITY:** Harmful if swallowed.

**SKIN CORROSION/IRRITATION:** Irritation to skin.

**SERIOUS EYE DAMAGE/IRRITATION:** Irritation to eyes

**RESPIRATORY OR SKIN SENSITIZATION:** Respiratory and skin sensitizer due to presence of glutaraldehyde.

**GERM CELL MUTAGENICITY:** None of the co-formulants are classified as mutagenic or genotoxic.

**CARCINOGENICITY:** None of the co-formulants are classified as carcinogenic.

**REPRODUCTIVE TOXICITY:** None of the co-formulants are classified as toxic to reproduction.

**STOT-SINGLE EXPOSURE:** None of the co-formulants are classified as mutagenic or genotoxic.

**STOT-REPEATED EXPOSURE:** None of the co-formulants are classified as harmful: danger of serious damage to health by prolonged exposure.

**ASPIRATION HAZARD:** None of the co-formulants are classified as mutagenic or genotoxic.

**SUMMARY OF INFORMATION:** No data are available on the formulated product; classification of the mixture is based on the individual ingredient of the mixture. The product has been classified in accordance with the conventional method as described in EC directive 1272/2008/EC. It is incumbent upon the user to exercise precautions to ensure that persons using this product are not dangerously exposed to ingestion or eye contact and that skin exposure is properly washed to remove material.

**OTHER INFORMATION:**

**NTP:** NE

**IARC MONOGRAPHS:** NE

**OSHA REGULATED:** NE

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 TOXICITY:

No data are available on the formulated product. The product has been classified in accordance with the conventional method as described in EC directive 1272/2008/EC.

### 12.2 PERSISTENCE AND DEGRADABILITY:

All components are considered readily biodegradable according to OECD methods.

### 12.3 BIOACCUMULATIVE POTENTIAL: N/A

### 12.4 MOBILITY IN SOIL: N/A

### 12.5 RESULTS OF PBT AND vPvB ASSESSMENT: NE

### 12.6 OTHER ADVERSE EFFECTS:

The product is cationic and will be adsorbed quickly onto mud and organic suspended matter.

### 12.7 ADDITIONAL INFORMATION

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS:

Dispose of in accordance with all appropriate governmental regulations. Wastes resulting from use of this product may be disposed of on-site or at an approved waste disposal facility. Keep container closed when not in use. Rinse container before disposal. Empty container can be readily and effectively washed out with water which can go to normal municipal waste treatment.

## SECTION 14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation. Not considered a Haz-mat.

**SHIPPING DESCRIPTION:** Not regulated by DOT for ground transport; Class 55, Cleaning Product

**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:** NE

## SECTION 15. REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

#### **European Inventory of Existing Commercial Chemical Substances (EINECS)**

This product contains a polymer according to the definition in Directive 92/32/EEC (7th Amendment to Directive 67/548/EEC) and all of its starting materials and intentional additives are listed in the European Inventory of Existing Commercial Chemical Substances (EINECS) or in compliance with European (EU) chemical inventory requirements.

### 15.2 CHEMICAL SAFETY ASSESSMENT:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.



SECTION 16. OTHER INFORMATION

<u>Version</u>	<u>Comment</u>	<u>Date</u>
1.0	First Edition	January 2012
2.0	New Formulation. Revised all sections to be compliant according to Regulation (EC) No 453/2010.	January 2013
3.0	Converted to GHS Format	June 2013
3.1	Removed DSD info	August 18, 2015
3.2	Updated Formulation	September 3, 2015
4.0	Revised Formulation	January 2019

ACRONYMNS: NE: not established; N/A: not applicable

**CLASSIFICATION:**

The product has been classified in accordance with the conventional method as described in EC directive 1272/2008/EC.

The information accumulated herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.