

Stain Proof Acidic Cleaner (EFF-ERAYZA)

ICP Building Solutions Group/ Dry-Treat

Chemwatch: 5146-30 Version No: 6.1.1.1 Safety Data Sheet (Conforms to Regulation (EU) No 2015/830)

Issue Date: **02/27/2020**Print Date: **04/01/2020**S.REACH.GBR.EN

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

1.1. Product Identifier

| Product name | Stain Proof Acidic Cleaner (EFF-ERAYZA) | | |
|-------------------------------|-------------------------------------------------------------------------|--|--|
| Synonyms | fflorescence, lime scale and hard water deposits remover | | |
| Proper shipping name | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (contains urea hydrochloride) | | |
| Other means of identification | Not Available | | |

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

| Relevant identified uses | Efflorescence, lime scale and hard water deposits remover. | |
|--------------------------|------------------------------------------------------------|--|
| Uses advised against | Not Applicable | |

1.3. Details of the supplier of the safety data sheet

| Registered company name | ICP Building Solutions Group/ Dry-Treat | | |
|-------------------------|------------------------------------------------|--|--|
| Address | 50 Dascomb Road Andover MA 01810 United States | | |
| Telephone | 66 667 5119 +1 978 623 9987 | | |
| Fax | +1 978 482 2048 | | |
| Website | http://www.drytreat.com | | |
| Email | http://www.icpgroup.com/ | | |

1.4. Emergency telephone number

| Association / Organisation | Not Available |
|-----------------------------------|---------------|
| Emergency telephone numbers | Not Available |
| Other emergency telephone numbers | Not Available |

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

| Classification according to regulation (EC) No 1272/2008 [CLP] [1] | H290 - Metal Corrosion Category 1, H315 - Skin Corrosion/Irritation Category 2, H318 - Serious Eye Damage Category 1, H335 - Specific target organ toxicity - single exposure Category 3 (respiratory tract irritation) | |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Legend: 1. Classified by Chemwatch; 2. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI | | |

2.2. Label elements

Hazard pictogram(s)





SIGNAL WORD DANGER

Hazard statement(s)

| H290 | May be corrosive to metals. | | |
|------|-----------------------------------|--|--|
| H315 | auses skin irritation. | | |
| H318 | Causes serious eye damage. | | |
| H335 | May cause respiratory irritation. | | |

Supplementary statement(s)

Not Applicable

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| P101 | If medical advice is needed, have product container or label at hand. | |
|------|-----------------------------------------------------------------------|--|
| P102 | Keep out of reach of children. | |

Precautionary statement(s) Prevention

| P271 | Use only outdoors or in a well-ventilated area. | |
|------|----------------------------------------------------------------------------|--|
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. | |

Precautionary statement(s) Response

| 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/physician/first aider. | | |

Precautionary statement(s) Storage

| • | - | |
|-----------|------------------------------------------------------------------|--|
| P405 | Store locked up. | |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. | |

Precautionary statement(s) Disposal

| P501 | Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation. |
|------|----------------------------------------------------------------------------------------------------------------------------------|

2.3. Other hazards

REACh - Art.57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1.Substances

See 'Composition on ingredients' in Section 3.2

3.2.Mixtures

| 1.CAS No 2.EC No 3.Index No 4.REACH No | %[weight] | Name | Classification according to regulation (EC) No 1272/2008 [CLP] |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 1.506-89-8 2.208-059-6 3.Not Available 4.Not Available | >50 | urea hydrochloride | Metal Corrosion Category 1, Serious Eye Damage Category 1, Skin Corrosion/Irritation Category 1B; H290, H318, H314 [1] |
| Not Available | balance | ingredients not contributing to the classification | Not Applicable |
| Legend: | Classified by Chemwatch; 2. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 3. Classification drawn from C&L * EU IOELVs available | | |

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

| Eye Contact | If this product comes in contact with the eyes: Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin Contact | If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation. |
| Inhalation | If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor, without delay. |
| Ingestion | If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice. |

4.2 Most important symptoms and effects, both acute and delayed

See Section 11

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

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

5.1. Extinguishing media

- ► Water spray or fog.
- Foam.

5.2. Special hazards arising from the substrate or mixture

| 5.3. Advice for firefighters | | | |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Fire Fighting | Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves. | | |
| | ► Combustible. ► Slight fire hazard when exposed to heat or flame. Combustion products include: carbon dioxide (CO2) | | |

Fire Incompatibility

• Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

Fire/Explosion Hazard

hydrogen chloride phosgene nitrogen oxides (NOx) other pyrolysis products typical of burning organic material. May emit poisonous furnes.

May emit corrosive furnes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

See section 8

6.2. Environmental precautions

See section 12

6.3. Methods and material for containment and cleaning up

| | • . |
|--------------|--------------------------------------------------------------------------------------------|
| Minor Spills | Remove all ignition sources. Clean up all spills immediately. |
| Major Spills | Moderate hazard. ► Clear area of personnel and move upwind. |

6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

| | ···g |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe handling | Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. DO NOT allow clothing wet with material to stay in contact with skin |
| Fire and explosion protection | See section 5 |
| Other information | Store in original containers. Keep containers securely sealed. |

7.2. Conditions for safe storage, including any incompatibilities

| • | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable container | Metal can or drum Packaging as recommended by manufacturer. Check all containers are clearly labelled and free from leaks. |
| Storage incompatibility | Avoid reaction with oxidising agents Avoid strong acids, acid chlorides, acid anhydrides and chloroformates. Avoid strong bases. |

7.3. Specific end use(s)

See section 1.2

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

| Ingredient | DNELs Exposure Pattern Worker | PNECs Compartment |
|---------------|----------------------------------|----------------------|
| Not Available | Not Available | Not Available |

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OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

| Not Available Not A | 4 4 | | | | | | | Notes |
|--------------------------------------------------|---------------|---------------|---------------|---------------|---------------|-------------|------------|---------------|
| | t Available | Not Available | | Not Available | Not Available | Not Availab | ole | Not Available |
| EMERGENCY LIMITS | | | | | | | | |
| Ingredient Mate | terial name | | TEEL-1 | | TEEL-2 | | TEEL-3 | |
| Stain Proof Acidic Cleaner (EFF-ERAYZA) Not A | Not Available | | Not Available | | Not Available | | Not Availa | ble |

| , | | | I |
|--------------------|---------------|---------------|---|
| Ingredient | Original IDLH | Revised IDLH | |
| urea hydrochloride | Not Available | Not Available | |

8.2. Exposure controls

8.2.1. Appropriate engineering Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. 8.2.2. Personal protection ► Safety glasses with side shields. Eye and face protection Chemical goggles Skin protection See Hand protection below ▶ Wear chemical protective gloves, e.g. PVC. ▶ Wear safety footwear or safety gumboots, e.g. Rubber The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to Hands/feet protection manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. **Body protection** See Other protection below Overalls. Other protection ▶ P.V.C.

Respiratory protection

Type AB-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

- Cartridge respirators should never be used for emergency ingress or in areas of unknown vapour concentrations or oxygen content.
- The wearer must be warned to leave the contaminated area immediately on detecting any odours through the respirator. The odour may indicate that the mask is not functioning properly, that the vapour concentration is too high, or that the mask is not properly fitted. Because of these limitations, only restricted use of cartridge respirators is considered appropriate.
- Cartridge performance is affected by humidity. Cartridges should be changed after 2 hr of continuous use unless it is determined that the humidity is less than 75%, in which case, cartridges can be used for 4 hr. Used cartridges should be discarded daily, regardless of the length of time used

8.2.3. Environmental exposure controls

See section 12

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| Appearance | Coloured liquid with a characteristic odour; mixes with water. | | | |
|----------------------------------------------|----------------------------------------------------------------|-----------------------------------------|----------------|--|
| Physical state | Liquid | Relative density (Water = 1) | 1.205 | |
| Odour | Not Available | Partition coefficient n-octanol / water | Not Available | |
| Odour threshold | Not Available | Auto-ignition temperature (°C) | Not Available | |
| pH (as supplied) | <1 | Decomposition temperature | Not Available | |
| Melting point / freezing point (°C) | Not Available | Viscosity (cSt) | Not Available | |
| Initial boiling point and boiling range (°C) | 100 | Molecular weight (g/mol) | Not Applicable | |
| Flash point (°C) | Not Available | Taste | Not Available | |
| Evaporation rate | Not Available | Explosive properties | Not Available | |
| Flammability | Not Available | Oxidising properties | Not Available | |
| Upper Explosive Limit (%) | Not Available | Surface Tension (dyn/cm or mN/m) | Not Available | |
| Lower Explosive Limit (%) | Not Available | Volatile Component (%vol) | Not Available | |
| Vapour pressure (kPa) | 2.3 @ 20 degC | Gas group | Not Available | |
| Solubility in water | Miscible | pH as a solution (1%) | Not Available | |

^{*} Values for General Population

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Vapour density (Air = 1) Not Available

VOC g/L

Not Available

9.2. Other information

Not Available

SECTION 10 STABILITY AND REACTIVITY

| 10.1.Reactivity | See section 7.2 |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 10.2. Chemical stability | Unstable in the presence of incompatible materials. Product is considered stable. |
| 10.3. Possibility of hazardous reactions | See section 7.2 |
| 10.4. Conditions to avoid | See section 7.2 |
| 10.5. Incompatible materials | See section 7.2 |
| 10.6. Hazardous decomposition products | See section 5.3 |

SECTION 11 TOXICOLOGICAL INFORMATION

| 11.1. Information on toxicologi | cal effects | | | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|--|
| Inhaled | The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage. Not normally a hazard due to non-volatile nature of product | | | |
| Ingestion | Considered an unlikely route of entry in commercial/industrial environments Ingestion may result in nausea, abdominal irritation, pain and vomiting | | | |
| Skin Contact | This material can cause inflammation of the skin on contact in some persons. Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. | | | |
| Eye | If applied to the eyes, this material causes severe eye damage. | | | |
| Chronic | Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure. Repeated or prolonged exposure to acids may result in the erosion of teeth, swelling and/or ulceration of mouth lining. Irritation of airways to lung, with cough, and inflammation of lung tissue often occurs. Chronic minor exposure to hydrogen chloride (HCI) vapour or fume may cause discolouration or erosion of the teeth, bleeding of the nose and gums; and ulceration of the mucous membranes of the nose. Workers exposed to hydrochloric acid suffered from stomach inflammation and a number of cases of chronic bronchitis (airway inflammation) have also been reported. | | | |
| | | | | |
| Stain Proof Acidic Cleaner | TOXICITY | | IRRITATION | |
| (EFF-ERAYZA) | Not Available | i i | Not Available | |
| a buda ablada | TOXICITY | | IRRITATION | |
| urea hydrochloride | Not Available | | Not Available | |

| | TOXICITY | IRRITATION | |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--|
| urea hydrochloride | Not Available | Not Available | |
| Legend: | 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances | | |

UREA HYDROCHLORIDE

No significant acute toxicological data identified in literature search.

For acid mists, aerosols, vapours

Test results suggest that eukaryotic cells are susceptible to genetic damage when the pH falls to about 6.5. Cells from the respiratory tract have not been examined in this respect.

Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound.

| Acute Toxicity | × | Carcinogenicity | × |
|-----------------------------------|---|--------------------------|---|
| Skin Irritation/Corrosion | ✓ | Reproductivity | × |
| Serious Eye Damage/Irritation | ✓ | STOT - Single Exposure | ✓ |
| Respiratory or Skin sensitisation | × | STOT - Repeated Exposure | × |
| Mutagenicity | × | Aspiration Hazard | × |

★ - Data either not available or does not fill the criteria for classification

– Data available to make classification

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

| Out to Broad Act the Observer | ENDPOINT | TEST DURATION (HR) | SPECIES | VALUE | SOURCE |
|--------------------------------------------|------------------|--------------------|---------------|------------------|------------------|
| Stain Proof Acidic Cleaner (EFF-ERAYZA) | Not Available | Not Available | Not Available | Not Available | Not Available |
| urea hydrochloride | ENDPOINT | TEST DURATION (HR) | SPECIES | VALUE | SOURCE |

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| | Not Available Not Available | Not Available | Not Available | Not Available |
|---------|----------------------------------------------|--------------------------------------------------------------|------------------------------|------------------|
| Legend: | Extracted from 1. IUCLID Toxicity Data 2. Eu | urope ECHA Registered Substances - Ecotoxicological Informat | tion - Aquatic Toxicity 3. I | EPIWIN Suite |

V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

DO NOT discharge into sewer or waterways.

12.2. Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air | |
|------------|---------------------------------------|---------------------------------------|--|
| | No Data available for all ingredients | No Data available for all ingredients | |

12.3. Bioaccumulative potential

| Ingredient | Bioaccumulation |
|------------|---------------------------------------|
| | No Data available for all ingredients |

12.4. Mobility in soil

| Ingredient | Mobility |
|------------|---------------------------------------|
| | No Data available for all ingredients |

12.5.Results of PBT and vPvB assessment

| | P | В | Т |
|-------------------------|----------------|----------------|----------------|
| Relevant available data | Not Applicable | Not Applicable | Not Applicable |
| PBT Criteria fulfilled? | Not Applicable | Not Applicable | Not Applicable |

12.6. Other adverse effects

No data available

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. ▶ DO NOT allow wash water from cleaning or process equipment to enter drains.

Product / Packaging disposal

- It may be necessary to collect all wash water for treatment before disposal.

 Recycle wherever possible or consult manufacturer for recycling options.
- sult State Land Waste Authority for disposal.

| | r Consult 3 |
|-------------------------|---------------|
| Waste treatment options | Not Available |
| Sewage disposal options | Not Available |
| | |

SECTION 14 TRANSPORT INFORMATION

Labels Required



Land transport (ADR)

| 14.1. UN number | 3265 | 3265 | | |
|------------------------------------|-------------------------------------------------------------------------|-----------|--|--|
| 14.2. UN proper shipping name | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (contains urea hydrochloride) | | | |
| 14.3. Transport hazard class(es) | Class 8 Subrisk Not Applicable | | | |
| 14.4. Packing group | | | | |
| 14.5. Environmental hazard | Not Applicable | | | |
| | Hazard identification (Kemler) | 80 | | |
| 14.6. Special precautions for user | Classification code | <u>C3</u> | | |
| | Hazard Label | 8 | | |
| | Special provisions | 274 | | |
| | | | | |

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5 L Limited quantity Tunnel Restriction Code 3 (E)

| 14.1. UN number | 3265 | | | |
|----------------------------------|---------------------------------------------------------------------------|---------------------------------------|---------|--|
| 14.2. UN proper shipping name | Corrosive liquid, acidic, organic, n.o.s. * (contains urea hydrochloride) | | | |
| | ICAO/IATA Class | 8 | | |
| 14.3. Transport hazard class(es) | ICAO / IATA Subrisk | ICAO / IATA Subrisk Not Applicable | | |
| 01033(03) | ERG Code 8L | | | |
| 14.4. Packing group | III | | | |
| 14.5. Environmental hazard | Not Applicable | | | |
| | Special provisions | | A3 A803 | |
| | Cargo Only Packing Instructions | | 856 | |
| | Cargo Only Maximum Qty / Pack | | 60 L | |
| 14.6. Special precautions for | Passenger and Cargo Packing Instructions | | 852 | |
| user | Passenger and Cargo Maximum Qty / Pack | | 5 L | |
| | Passenger and Cargo | Limited Quantity Packing Instructions | Y841 | |
| | Passenger and Cargo | Limited Maximum Qty / Pack | 1 L | |

Sea transport (IMDG-Code / GGVSee)

| 14.1. UN number | 265 | | |
|------------------------------------|-------------------------------------------------------------------------|--|--|
| 14.2. UN proper shipping name | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (contains urea hydrochloride) | | |
| 14.3. Transport hazard class(es) | IMDG Class 8 IMDG Subrisk Not Applicable | | |
| 14.4. Packing group | | | |
| 14.5. Environmental hazard | Not Applicable | | |
| 14.6. Special precautions for user | EMS Number F-A , S-B Special provisions 223 274 Limited Quantities 5 L | | |

Inland waterways transport (ADN)

| 14.1. UN number | 3265 | | |
|---------------------------------------|-------------------------------------------------------------------------|--|--|
| 14.2. UN proper shipping name | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (contains urea hydrochloride) | | |
| 14.3. Transport hazard class(es) | 8 Not Applicable | | |
| 14.4. Packing group | | | |
| 14.5. Environmental hazard | Not Applicable | | |
| | Classification code C3 | | |
| | Special provisions 274 | | |
| 14.6. Special precautions for user | Limited quantity 5 L | | |
| | Equipment required PP, EP | | |
| | Fire cones number 0 | | |

14.7. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

DOT Remarks: Corrosive to Aluminium, Excepted per 49CFR 173.154(d)(1).

[Manufacturer]

SECTION 15 REGULATORY INFORMATION

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

UREA HYDROCHLORIDE IS FOUND ON THE FOLLOWING REGULATORY LISTS

Not Applicable

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : Directives 98/24/EC, - 92/85/EEC, - 94/33/EC, - 2008/98/EC, -

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2010/75/EU; Commission Regulation (EU) 2015/830; Regulation (EC) No 1272/2008 as updated through ATPs.

15.2. Chemical safety assessment

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

ECHA SUMMARY

| Ingredient | CAS number | Index No | | ECHA Dossier | |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------|--------------------------------|---------------|--------------------------|
| urea hydrochloride | 506-89-8 | Not Available | | Not Available | |
| Harmonisation (C&L Inventory) | Hazard Class and Category Code(s) | | Pictograms Signal Word Code(s) | | Hazard Statement Code(s) |
| 1 | Skin Irrit. 2; Eye Irrit. 2; STOT SE 3 | | GHS07; Wng | | H315; H319; H335 |
| Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification. | | | | | |

National Inventory Status

| National Inventory | Status |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Australia - AICS | Yes |
| Canada - DSL | Yes |
| Canada - NDSL | No (urea hydrochloride) |
| China - IECSC | Yes |
| Europe - EINEC / ELINCS / NLP | Yes |
| Japan - ENCS | No (urea hydrochloride) |
| Korea - KECI | Yes |
| New Zealand - NZIoC | Yes |
| Philippines - PICCS | Yes |
| USA - TSCA | Yes |
| Taiwan - TCSI | Yes |
| Mexico - INSQ | No (urea hydrochloride) |
| Vietnam - NCI | Yes |
| Russia - ARIPS | No (urea hydrochloride) |
| Legend: | Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets) |

SECTION 16 OTHER INFORMATION

| Revision Date | 02/27/2020 |
|---------------|------------|
| Initial Date | 07/22/2014 |

CONTACT POINT

Full text Risk and Hazard codes

| H314 | Causes severe skin burns and eye damage. | |
|------|------------------------------------------|--|
| H319 | Causes serious eye irritation. | |

SDS Version Summary

| Version | Issue Date | Sections Updated |
|---------|------------|----------------------------------|
| 5.1.1.1 | 02/10/2020 | Name |
| 6.1.1.1 | 02/27/2020 | Transport, Transport Information |

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

EN 166 Personal eye-protection

EN 340 Protective clothing

EN 374 Protective gloves against chemicals and micro-organisms

EN 13832 Footwear protecting against chemicals

EN 133 Respiratory protective devices

Definitions and abbreviations

PC-TWA: Permissible Concentration-Time Weighted Average

PC—STEL: Permissible Concentration-Short Term Exposure Limit

IARC: International Agency for Research on Cancer

^{**}PLEASE NOTE THAT TITANIUM DIOXIDE IS NOT PRESENT IN CLEAR OR NEUTRAL BASES**

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ACGIH: American Conference of Governmental Industrial Hygienists

STEL: Short Term Exposure Limit

TEEL: Temporary Emergency Exposure Limit。

IDLH: Immediately Dangerous to Life or Health Concentrations

OSF: Odour Safety Factor

NOAEL :No Observed Adverse Effect Level LOAEL: Lowest Observed Adverse Effect Level

TLV: Threshold Limit Value LOD: Limit Of Detection OTV: Odour Threshold Value BCF: BioConcentration Factors BEI: Biological Exposure Index

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