

X TREM CHAIN ROAD 800640 - 800641 -800642 - 800858



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

#### 1.1. Product identifier

Product name : X TREM CHAIN ROAD 800640 - 800641 -800642 - 800858

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

#### > 1.3. Details of the supplier of the safety data sheet

Registered company name : IPONE.

Address : La Meunière .13480.CABRIES .FRANCE.

Telephone : +33 (0)4 42 94 05 65. Fax : +33 (0)4 42 94 05 66.

info@ipone.fr

#### 1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

### >SECTION 2 : HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Aerosol, Category 1 (Aerosol 1, H222 - H229).

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

#### 2.2. Label elements

Mixture for aerosol application.

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS02



GHS07

Signal Word :

DANGER

Hazard statements :

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

H315

Causes skin irritation.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

Precautionary statements - Prevention :

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211

Do not spray on an open flame or other ignition source.

P251

Do not pierce or burn, even after use.

P273

Avoid release to the environment.

P280

Wear protective gloves

Precautionary statements - Response :

P302 + P352

IF ON SKIN: Wash with plenty of water/...

Precautionary statements - Storage :

P410 + P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary statements - Disposal :

P501

Dispose of contents/container according to the local rules.

**X TREM CHAIN ROAD 800640 - 800641 -800642 - 800858**

Other information :

Do not use the product in another way of what it is intended to. Use and store only in a well-ventilated area. Do not spray for a long time.

**> 2.3. Other hazards**

REACH SVHC < 0.1%

Considering the information communicated by our suppliers, according to the article 33 of the REACH, the mixture contains, in the date of revision of the FDS, less than 0.1 % m/m of ' Substances extrêmement worrisome ' ( SVHC) published by the European Agency of Chemicals ( ECHA) according to the article 57 of the REACH: [http://echa.europa.eu / fr / candidate-liste-table](http://echa.europa.eu/fr/candidate-liste-table)

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition :**

| Identification  | (EC) 1272/2008  | Note            | %                 |
|---|---|-----------------|-------------------|
| INDEX: 601-004-00-0<br>CAS: 106-97-8<br>EC: 203-448-7<br><br>BUTANE   | GHS02, GHS04<br>Dgr<br>Flam. Gas 1, H220  | C<br>[1]<br>[7] | 25 <= x % < 41.1  |
| EC: 927-510-4<br>REACH: 01-2119475515-33<br><br>HYDROCARBONS, C7, N-ALKANES,<br>ISOALKANES, CYCLICS                             | GHS07, GHS09, GHS08, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Aquatic Chronic 2, H411 |                 | 10 <= x % < 16.8  |
| INDEX: 601-004-00-0<br>CAS: 75-28-5<br>EC: 200-857-2<br><br>AND ISOBUTANE   | GHS02, GHS04<br>Dgr<br>Flam. Gas 1, H220  | C<br>[1]<br>[7] | 10 <= x % < 14    |
| CAS: 109-87-5<br>REACH: 01-2119664781-31<br><br>METHYLAL  | GHS02<br>Dgr<br>Flam. Liq. 2, H225  | [1]             | 2.5 <= x % < 10.8 |
| INDEX: 601-003-00-5<br>CAS: 74-98-6<br>EC: 200-827-9<br><br>PROPANE   | GHS02, GHS04<br>Dgr<br>Flam. Gas 1, H220  | [1]<br>[7]      | 2.5 <= x % < 8.3  |
| CAS: 64742-65-0<br>EC: 265-169-7<br>REACH: 01-2119471299-27<br><br>DISTILLATES (PETROLEUM),<br>SOLVENT-DEWAXED HEAVY PARAFFINIC | GHS08<br>Dgr<br>Asp. Tox. 1, H304   |                 | 2.5 <= x % < 4.1  |
| CAS: 64742-54-7<br>EC: 265-157-1<br>REACH: 01-2119484627-25<br><br>DISTILLATES (PETROLEUM),<br>HYDROTREATED HEAVY PARAFFINIC    | GHS08<br>Dgr<br>Asp. Tox. 1, H304   |                 | 2.5 <= x % < 4.1  |
| INDEX: 603-001-00-X<br>CAS: 67-56-1<br>EC: 200-659-6<br><br>METHANOL  | GHS02, GHS06, GHS08<br>Dgr<br>Flam. Liq. 2, H225<br>Acute Tox. 3, H331<br>Acute Tox. 3, H311<br>Acute Tox. 3, H301<br>STOT SE 1, H370             | [1]             | 0 <= x % < 0.8    |

(Full text of H-phrases: see section 16)

**Information on ingredients :**

[7] Propellant gas

[1] Substance for which maximum workplace exposure limits are available.

**X TREM CHAIN ROAD 800640 - 800641 -800642 - 800858**

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**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures**

**In the event of exposure by inhalation :**

In case of massive inhalation transport the patient outdoors and keep him for the warmth and for the rest.

**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

**In the event of splashes or contact with skin :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

DO NOT use solvents or thinners.

**In the event of swallowing :**

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

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**SECTION 5 : FIREFIGHTING MEASURES**

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

**5.1. Extinguishing media**

Keep packages near the fire cool, to prevent pressurised containers from bursting.

**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

**X TREM CHAIN ROAD 800640 - 800641 -800642 - 800858**

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

**For non first aid worker**

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

Avoid any contact with the skin and eyes.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

**6.3. Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

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**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Remove contaminated clothing and protective equipment before entering eating areas.

**Fire prevention :**

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Do not breathe in aerosols.

Packages which have been opened must be reclosed carefully and stored in an upright position.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

Never open the packages under pressure.

**7.2. Conditions for safe storage, including any incompatibilities**

No data available.

**Storage**

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

**X TREM CHAIN ROAD 800640 - 800641 -800642 - 800858**

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

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

**8.1. Control parameters**

**Occupational exposure limits :**

- European Union (2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

| CAS     | VME-mg/m3 : | VME-ppm : | VLE-mg/m3 : | VLE-ppm : | Notes : |
|---------|-------------|-----------|-------------|-----------|---------|
| 67-56-1 | 260         | 200       | -           | -         | Peau    |

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS      | TWA :    | STEL :  | Ceiling : | Definition : | Criteria : |
|----------|----------|---------|-----------|--------------|------------|
| 106-97-8 | 1000 ppm |         |           |              |            |
| 75-28-5  | 1000 ppm |         |           |              |            |
| 109-87-5 | 1000 ppm |         |           |              |            |
| 74-98-6  | 1000 ppm |         |           |              |            |
| 67-56-1  | 200 ppm  | 250 ppm |           | Skin; BEI    |            |

- Germany - AGW (BAuA - TRGS 900, 29/01/2018) :

| CAS      | VME : | VME :                  | Excess | Notes |
|----------|-------|------------------------|--------|-------|
| 106-97-8 |       | 1000 ppm<br>2400 mg/m³ |        | 4(II) |
| 75-28-5  |       | 1000 ppm<br>2400 mg/m³ |        | 4(II) |
| 109-87-5 |       | 300 ppm<br>960 mg/m³   |        | 2(II) |
| 74-98-6  |       | 1000 ppm<br>1800 mg/m³ |        | 4(II) |
| 67-56-1  |       | 200 ppm<br>270 mg/m³   |        | 4(II) |

- France (INRS - ED984 :2016) :

| CAS      | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
|----------|-----------|-------------|-----------|-------------|---------|----------|
| 106-97-8 | 800       | 1900        | -         | -           | -       | -        |
| 109-87-5 | 1000      | 3100        | -         | -           | -       | 84       |
| 67-56-1  | 200       | 260         | 1000      | 1300        | (12)    | 84       |

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

| CAS      | TWA :                  | STEL :                 | Ceiling : | Definition : | Criteria : |
|----------|------------------------|------------------------|-----------|--------------|------------|
| 106-97-8 | 600 ppm<br>1450 mg/m3  | 750 ppm<br>1810 mg/m3  |           | Carc         |            |
| 109-87-5 | 1000 ppm<br>3160 mg/m³ | 1250 ppm<br>3950 mg/m³ |           |              |            |
| 67-56-1  | 200 ppm<br>266 mg/m³   | 250 ppm<br>333 mg/m³   |           | Sk           |            |

**8.2. Exposure controls**

**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**X TREM CHAIN ROAD 800640 - 800641 -800642 - 800858**

- **Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

- **Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

**- Respiratory protection**

Type of FFP mask :

Wear a disposable half-mask aerosol filter in accordance with standard EN149.

Category :

- FFP1

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- AX (Brown)

Particle filter according to standard EN143 :

- P1 (White)

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**General information :**

Physical state : Fluid liquid.  
Spray.

## Important health, safety and environmental information

pH : Not relevant.

Boiling point/boiling range : Not specified.

Vapour pressure (50°C) : Not relevant.

Density :  $< 1$ 

Water solubility : Insoluble.

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

|   |                |
|---|----------------|
| Decomposition point/decomposition range : | Not specified. |
|---|----------------|

Chemical combustion heat :  $\geq 30 \text{ kJ/g.}$

## 9.2. Other information

No data available.

**X TREM CHAIN ROAD 800640 - 800641 -800642 - 800858**

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**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**10.4. Conditions to avoid**

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- heating
- heat

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

**11.1.1. Substances**

No toxicological data available for the substances.

**11.1.2. Mixture**

No toxicological data available for the mixture.

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**SECTION 12 : ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity**

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

**X TREM CHAIN ROAD 800640 - 800641 -800642 - 800858**

### SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

#### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

### SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2017 - IMDG 2016 - ICAO/IATA 2017).

#### 14.1. UN number

1950

#### 14.2. UN proper shipping name

UN1950=AEROSOLS, flammable

#### 14.3. Transport hazard class(es)

- Classification :



2.1

#### 14.4. Packing group

-

#### 14.5. Environmental hazards

-

#### 14.6. Special precautions for user

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ  | Provis.         | EQ | Cat. | Tunnel |
|---------|-------|------|----------|-------|--------|-----|-----------------|----|------|--------|
|         | 2     | 5F   | -        | 2.1   | -      | 1 L | 190 327 344 625 | E0 | 2    | D      |

| IMDG | Class | 2°Label  | Pack gr. | LQ        | EMS     | Provis.                       | EQ |
|------|-------|----------|----------|-----------|---------|-------------------------------|----|
|      | 2     | See SP63 | -        | See SP277 | F-D,S-U | 63 190 277 327<br>344 381 959 | E0 |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo  | note                 | EQ |
|------|-------|---------|----------|----------|----------|-------|--------|----------------------|----|
|      | 2.1   | -       | -        | 203      | 75 kg    | 203   | 150 kg | A145<br>A167<br>A802 | E0 |
|      | 2.1   | -       | -        | Y203     | 30 kg G  | -     | -      | A145<br>A167<br>A802 | E0 |

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.



## SECTION 15 : REGULATORY INFORMATION

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

#### - Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 75/324/CEE modified by directive 2013/10/UE
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)

#### - Container information:

No data available.

#### - Particular provisions :

No data available.

### 15.2. Chemical safety assessment

No data available.

## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### Wording of the phrases mentioned in section 3 :

|      |  |
|------|--|
| H220 | Extremely flammable gas.                         |
| H225 | Highly flammable liquid and vapour.              |
| H301 | Toxic if swallowed.                              |
| H304 | May be fatal if swallowed and enters airways.    |
| H311 | Toxic in contact with skin.                      |
| H315 | Causes skin irritation.                          |
| H331 | Toxic if inhaled.                                |
| H336 | May cause drowsiness or dizziness.               |
| H370 | Causes damage to organs .                        |
| H411 | Toxic to aquatic life with long lasting effects. |

#### Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.