

E- Smoke additive used to mask the base odour with a pleasant fragrance/scent / To mix: One bottle dilutes in to 5 litres of smoke fluid. This concentrated product is intended to be mixed in smoke fluid at a proportion indicated above.

Health characteristics: EUH066 - Repeated exposure may cause skin dryness or cracking -/-

Hazard statements: EHC3 - Hazardous to the aquatic environment, long-term hazard 3 / FL3 – Flammable liquids 3 / SS1B - Sensitisation skin 1B / H226 - Flammable liquid and vapour / H317 - May cause an allergic skin reaction / H412 - Harmful to aquatic life with long lasting effects -/-

Precautionary statement - Prevention: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking / P233 - Keep container tightly closed / P241 - Use explosion-proof [electrical/ventilating/lighting/...] equipment / P242 - Use non-sparking tools / P243 - Take action to prevent static discharges / P261 - Avoid breathing dust/fume/gas/mist/vapours/spray -/-

F-B- Additif de fumée utilisé pour masquer l'odeur de base avec un senteur agréable / Pour mélanger: Un flacon dilue dans 5 litres de fluide de fumée. Ce produit concentré est destiné à être mélangé dans un fluide de fumée dans les proportions indiquées ci-dessus.

Caractéristiques de santé: EUH066 - L'exposition répétée peut provoquer dessèchement ou gerçures de la peau -/-

Mentions de danger : EHC3 - Dangereux pour le milieu aquatique, danger à long terme 3 / FL3 - Liquides inflammables 3 / SS1B - Sensibilisation de la peau 1B / H226 - Liquide et vapeurs inflammables / H317 - Peut provoquer une allergie cutanée / H412 - Nocif pour les organismes aquatiques, entraîne des effets néfastes à long terme -/-

Conseil de prudence - Prévention: P210 - Tenir à l'écart de la chaleur, des surfaces chaudes, des étincelles, des flammes nues et de toute autre source d'ignition. Ne pas fumer / P233 - Maintenir le récipient fermé de manière étanche / P241 - Utiliser du matériel [électrique/de ventilation/d'éclairage/...] antideflagrant / P242 - Utiliser des outils non produisant pas d'étincelles / P243 - Prendre des mesures de précaution contre les décharges électrostatiques / P261 - Éviter de respirer les poussières/fumées/gaz/brouillards/vapeurs/aérosols -/-

NL-B- Additief gebruikt om de basisgeur van kunstmatige rook te maskeren met een aangename geur / Mengen: Een fles verdunt in 5 liter rookvloeistof. Dit geconcentreerde product is bedoeld om te worden gemengd met rookvloeistof in een verhouding zoals hierboven aangegeven.

Gezondheidseigenschappen: EUH066 - Herhaalde blootstelling kan een droge of een gebarsten huid veroorzaken -/-

Gevenaarsaanduiding: EHC3 - Gevaarlijk voor het aquatisch milieu, gevaar voor de lange termijn 3 / FL3 – Brandbare vloeistoffen 3 / SS1B - Overgevoeligheid van de huid 1B / H226 - Ontvlambare vloeistof en damp / H317 - Kan een allergische huidreactie veroorzaken / H412 - Schadelijk voor in het water levende organismen, met langdurige gevolgen -/-

Voorzorgsmaatregelen - Preventie: P210 - Verwijderd houden van warmte, hete oppervlakken, vonken, open vuur en andere ontstekingsbronnen. Niet roken / P233 - In goed gesloten verpakking bewaren / P241 - Explosieveilige [elektrische/ventilatie-/verlichtings-/...]apparatuur gebruiken / P242 - Nonvrij gereedschap gebruiken / P243 - Maatregelen treffen om ontladingen van statische elektriciteit te voorkomen / P261 - Inademing van stof/rook/gas/nevel/damp/spuitelement vermijden -/-

D- Additiv zur Maskierung des Grundgeruchs von künstlichem Rauch mit einem angenehmen Duft / Mischung: Eine Flasche verdünnt sich in 5 Liter Rauchflüssigkeit. Dieses konzentrierte Produkt ist dazu bestimmt, mit Rauchflüssigkeit in einem wie vorstehend angegebenen Verhältnis gemischt zu werden.

Gesundheitsmerkmale: EUH066 - Wiederholter Kontakt kann zu spröder oder rissiger Haut führen -/-

Gefahrenhinweise: EHC3 - Gefährlich für die aquatische Umwelt, langfristige Gefährdung 3 / FL3 – Brennbare Flüssigkeiten 3 / SS1B - Überempfindlichkeit der Haut 1B / H226 - Flüssigkeit und Dampf entzündbar / H317 - Kann allergische Hautreaktionen verursachen / H412 - Schädlich für Wasserorganismen, mit langfristiger Wirkung -/-

Sicherheitshinweise - Vorbeugung: P210 - Von Hitze, heißen Oberflächen, Funken, offenen Flammen und anderen Zündquellen fernhalten. Nicht rauchen / P233 - Behälter dicht verschlossen halten / P241 - Explosionsgeschützte elektrische Geräte/Lüftungsanlagen/Beleuchtungsanlagen/... verwenden / P242 - Funkenarmes Werkzeug verwenden / P243 - Maßnahmen gegen elektrostatische Entladungen treffen / P261 - Einatmen von Staub/Rauch/Gas/Nebel/Dampf/Aerosol vermeiden -/-

ES - Aditivo de humo para enmascarar el olor de base con una fragancia/olor agradable / Para mezclar: Una botella diluye hasta 5 litros de humo líquido. Este producto concentrado está destinado a ser mezclado con líquido de humo en la proporción antes indicada.

Características de salud: EUH066 - La exposición repetida puede provocar sequedad o formación de grietas en la piel -/-

Indicaciones de peligro: EHC3 - Peligroso para el medio ambiente acuático, peligro a largo plazo 3 / FL3 - Líquidos inflamables 3 / SS1B - Hipersensibilidad de la piel 1B / H226 - Líquido y vapores inflamables / H317 - Puede provocar una reacción cutánea alérgica / H412 - Nocivo para los organismos acuáticos, con efectos nocivos duraderos -/-

Declaración preventiva - Prevención: P210 - Mantener alejado del calor, superficies calientes, chispas llamas al descubierto y otras fuentes de ignición. No fumar / P233 - Mantener el recipiente herméticamente cerrado / P241 - Utilizar material [eléctrico / de ventilación/iluminación / ...] antideflagrante / P242 - No utilizar herramientas que produzcan chispas / P243 - Tomar medidas de precaución contra las descargas electrostáticas / P261 - Evitar respirar polvos/humos/gases/ nieblas/vapores/aerosoles -/-

PL- Dodatek dymny stosowany do maskowania zapachu bazowego przyjemnym zapachem / Do mieszania: Jedna butelka rozcieńcza do 5 litrów płynu dymnego. Ten skoncentrowany produkt jest przeznaczony do mieszania w płynie dymnym w proporcji wskazanej powyżej.

Charakterystyka zdrowotna: EUH066 - Powtarzające się narażenie może powodować wysuszenie lub pęknięcie skóry -/-

Zwroty określające zagrożenie: EHC3 - Niebezpieczne dla środowiska wodnego, zagrożenie długoterminowe 3 / FL3 - Ciecze łatwopalne 3 / SS1B - Nadwrażliwość skóry 1B / H226 - Łatwopalna ciecz i pary / H317 - Może powodować reakcję alergiczną skóry / H412 - Działa szkodliwie na organizmy wodne, powodując długotrwałe skutki -/-

Zwroty określające środki ostrożności – Zapobieganie: P210 - Przechowywać z dala od źródeł ciepła, gorących powierzchni, źródeł iskrzenia, otwartego ognia i innych źródeł zapłonu. Nie palić / P233 - Przechowywać pojemnik szczelnie zamknięty / P241 - Używać [elektrycznego/wentylującego/oświetleniowego/...] przeciwybuchowego sprzętu / P242 - Używać nieiskrzących narzędzi / P243 - Podjąć działania zapobiegające wyładowaniom elektrostatycznym / P261 - Unikać wdychania pyłu/dymu/gazu/mgły/par/rozpylonej cieczy -/-

# 160.655 FSMA-E Scent Energizer

## POISON CENTER DETAILS

Australia	Poison control Center	+61 02 9515 1267
Austria	Poison Control Centre - Emergency helpline:	+43 1 406 43 43
Belgium	Centre Antipoisons / bruxelles	070 245 245
Bulgaria	National Toxicology Center,	+359 2 9154 233
Canada	Centre Toxicologie Quebec	+1 418 650 6115
California – Usa	Poison control system	+1 415-502-6000
Croatia	Poison Control Centre	+385 1 23-48-342.
Czech Republic	Toxikologické informační středisko	+420 224 919 293
Denmark	Bisbjerg Hospital - Giftlinjen ring	82 12 12 12
Estonia	Poisoning Information Centre	16 662
Finland	Poison Information Centre	09 471977
France	Orfila	+33 1 45 42 59 59
Germany	Giftnotruf Berlin, Emergency telephone:	+49 30 19240
Greece	Poison Information Centre	+30 2107793777
India	National Poison Center Information	+91 011 26589391
Hungary	Health Information - Toxicological Service	+36 80 20 11 99
Iceland	Landspítali - Poison Centre	543 2222
Ireland	Poisons information center of Ireland	01 809 2166
Italy	Centro anti veleni	+39 02
Latvia	Valsts Toksikoloģijas centrs	+ 371 67042473 or 112
Lithuania	Nuodų Centras	+370 687 533 78
Luxembourg	Belgian Poison Center	+352 8002-5500.
Maroc	Centre Anti Poison	+212 80 1000180
Netherlands	Nationaal vergiftigingen informatie centrum	030 274 88 88
Norway	Giftinformasjonen	22 59 13 00
Portugal	CIAV	808 250 143
Romania	Centru de Control Otravă	+402 212 106 282
Singapore	Poison Information Center	+ 65 6423 9119
Slovakia	Narodné Toxikologické Informačné Centrum	+421 (0) 2 5477 4166
South Africa	Poison Control Center / Johannesburg	+ 27 11 642 2417
Spain	Urgencias toxicológicas	+34 91 562 04 20
Sweden	Giftinformationscentralen (Sverige)	08 33 12 31
Switzerland	Tox Info Suisse	+41 044 251 66 66
Tunisia	Centre Anti Poison	+ 216 71 335 500
Turkye	Poison Control Center Istanbul	114
United Kingdom	UK National Poisons Emergency number	+44 870 600 6266

## COMPOSITION

Substances	C.A.S	EINECS	Risk Symbol	Percent %
Ethyl methylphenylglycidate	77-83-8	201-061-8	EHC2, SS1B - H317, H411	[ 5-10 ]
3-Methylbutylacetate	123-92-2	204-662-3	EUH066, FL3 - H226	[ 0-5 ]
Citral	5392-40-5	226-394-6	ED12, SC12, SS1B - H315, H317, H319	[ 0-5 ]
Ethyl butyrate	105-54-4	203-306-4	FL3 - H226	[ 0-5 ]
Ethyl vanillin	121-32-4	204-464-7	ED12 - H319	[ 0-5 ]



# HEALTH & SAFETY PRODUCT DATA SHEET

## 1 – IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

**Identification of the preparations :** BEAM Z - SMOKE FLUID



**Relevant identified uses of the substance** Liquid formulation used to produce an artificial smoke or fog or haze used in the entertainment events, shows, clubs, theaters, training occupational safety drills.

**Product Code :** SMOKE FLUID STANDARD (160 643 - 160 582 )  
SMOKE FLUID HIGH DENSITY (160 644 - 160 583)  
SMOKE FLUID SUPER DENSITY ( 160 586)

**Packaging :** Can of 1L , 5L

**Identification of the Company** TRONIOS BV  
Bedrijvenpark Twente 415  
7602KM - ALMELO - THE NETHERLANDS  
Tel : + 31 6 227 98095  
Web site : www.tronios.com

**Telephone Emergency :** INRS / ORFILA : +33 (0)1.45.42.59.59 - Europeans emergency (112)

## 2 – HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture accordance directives 67/548/CEE, 1999/45/CE and adaptations.  
This mixture doesn't present a physical danger. Refer to the recommendations regarding the other products present on the site.  
This mixture does not present a health hazard.  
This mixture does not present a danger to the environment. No damage to the environment are not known or expected under normal use.

### 2.2. Labels elements

The mixture is a product for professional use.  
The mixture is used as "smoke."  
Accordance with Directives 67/548/EEC, 1999/45/EC, adaptations.

Safety phrases :

S 2	Keep out of reach of children.
S13	Keep away from food, drink and animal feeding stuffs.
S20/21	Do not eat, do not drink and not smoke while using
S 46	If swallowed, seek medical advice immediately and show this container or label.
S49	Keep only in original container.
S 51	Use only in well ventilated areas.

Do not use for any purpose other than that for which it is intended.

### 2.3. Other Hazards

Nothing

### 3 – COMPOSITION/INFORMATIONS ON INGREDIENTS

**Chemical nature of the product: This product is a mixture**

Liquid formulations of osmized water and glycol derivatives. food coloring  
No. CEE / main component: 2039532 (EINECS)

**Hazardous substances present:**

This preparation contains no hazardous substance in this category.

**Other substances representing a hazard:**

No known substance in this category present.

**Substances present at a concentration below the minimum danger threshold:**

Wording of R-and H in the table below: see section 16  
No known substance in this category present.

**Other substances with occupational exposure limits:**

No known substance in this category present.

### 4 – FIRST AIDS IN CASE OF

**Inhalation**

Not applicable in liquid form, can be irritating to the respiratory form of smoke in large quantities and confined. Under this presentation, remove the subject from the contaminated area to breathe fresh air. Keep warm and at rest. Consult doctor in case of respiratory symptoms.

**Contact with skin :**

Not applicable

**Contact with Eye :**

Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical advice if irritation persists.

**Ingestion :**

Do not induce vomiting. If the person is conscious, rinse mouth and drink water. Call emergency relief nursing, EMS (15) and FIRE (18) Europeans emergency (112). Show them the label and safety data sheet. Apply the rules of first aid.

**Important symptoms and effects, both acute and delayed:**

No data are available

**Indication of immediate medical attention and special treatment needed:**

Symptomatic treatment: /

### 5 - FIGHTING MEASURES FIRE

**Extinguishing Media:**

Carbon dioxide, foam, powder, water spray.

**Extinguishing media not be used for safety reasons:**

Direct water jet.

**Special Hazards**

Toxic gases by pyrolysis (CO, CO<sub>2</sub>). Prevent seepage into sewage system, storm water, natural environment. See section (6).

**Special protective equipment for personnel responsible for the fight against fire**

Breathing apparatus, protective equipment of the skin, eyes and mucous membranes.

## 6 – MEASURES IN CASE OF ACCIDENTAL RELEASE

### Personal precautions:

Can make the ground slip ( use : non-slip boots)

### Precautions for environmental protection:

Prevent from spreading in sewers, storm drains or natural environment. Contain spill with earth or other noncombustible absorbent material as an absorbent mineral. Keep product away from drains, surface water, soils, ponds, storm water runoff.

### Methods for Cleaning

Absorb and sweep up and store the waste in polyethylene drums with lids sealed identified before they are treated by an approved company. Finish by cleaning the floor with an aqueous detergent. Recover the wash water into a suitable container.

## 7 – HANDLING & STORAGE

### Handling :

Safety precautions, see subsection (8). Do not mix with other products. Avoid contact with eyes, clothing. Do not breathe the fumes produced continuously by the product. Do not eat, drink and smoking during use. Carefully follow the instructions of the product for the formation of smoke.

**Prevention:** Use in well ventilated environment to avoid excessive concentration of fumes.

### Storage :

Store in a ventilated area, away from light, in original packaging at temperatures above 0 °C and below 50 °C.

**Specific uses:** liquid used to produce an artificial smoke or fog used in the entertainment events, professional training, safety drills.

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** Not relevant

**Collective protection:** Engineering measures: Use only in well ventilated

### Personal protective equipment (PPE):

- |                          |  |
|--------------------------|--|
| - Respiratory protection | Not required under normal conditions of use.                                   |
| - Hand Protection :      | Gloves suitable for the product: nitrile in prolonged exposure to the product. |
| - Eye Protection :       | Not required under normal conditions of use.                                   |
| - Skin Protection :      | Not required under normal conditions of use.                                   |

### Hygiene Measures :

Do not eat, drink or smoke during use. Wash the body parts that may be in contact with the product, and hands.

### Exposure control of the environment:

Prevent leakage of the product in drains or natural environment. Thoroughly clean all traces of product or waste to be treated as specified in paragraph (13).

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

### General informations :

Colorless, yellow, pink, blue without odor

### Important informations regarding : health, safety and the environment:

pH :	7- 8
Point / boiling range:	from 100 to 290 °C
Fash point :	> to 175 °C
Auto - ignition temperature	370°
Decomposition temperature	No data
Oxidizing properties:	Not applicable.
Density at 20°C :	1018 kg / m3 at 20 °C
Solubility in organic solvents:	Partially soluble by the presence of glycolic derivative.
Water solubility :	soluble
N-octanol/water partition coefficient:	No data
Evaporation rate :	No data

## 10 – STABILITY AND RÉACTIVITY

### Reactivity

No data are available.

### Chemical stability

This mixture is stable according to the conditions of storage and handling recommendations in Section 7.

### Possibility of hazardous reactions

Reacts violently with: oxidising agent. Reactions with strong acids.

### Conditions to avoid

Avoid freezing , excessive heat

### Incompatible materiels

Keep away from / to: - strong oxidizing agents, strong acids

### Hazardous Decomposition Products

Thermal decomposition may release / form: carbon monoxide (CO), carbon dioxide (CO2)

## 11 – TOXICOLOGICAL INFORMATIONS

### General Informations :

#### Acute toxicity

**Inhalation :** Not applicable for the liquid product, in terms of employment, the fumes in high concentration in containment and may be irritating to the respiratory tract.

**Skin contact :** Primary irritation: not irritating to the skin. Repeated or prolonged contact with skin may cause dermatitis and dryness.

**Eye contact :** eye irritation: not irritating to the product. In terms of employment, the fumes in high concentration in containment and may be irritating to eyes.

#### Ingestion :

DL50/rat oral (male)	> 2000 mg/kg
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Ingestion may cause nausea, vomiting and diarrhea.

**Sensitization:** No sensitizing

**Long Term Effects:** No data

**CMR effects (carcinogenic, mutagenic, toxic for reproduction):** /

## 12 – ECOLOGICAL INFORMATIONS

No data on the complete preparation is available.

<b>Ecotoxicity:</b> For the pure glycol derivative			
<b>Fish toxicity</b>			
CL50	69800		mg/l
Species	Pimephales promelas		
Exposure time	96 h		
Source	CSR		
<b>Daphnia toxicity</b>			
CE50	>	10000	mg/l
Species	Daphnia magna		
Exposure time	48 h		
Source	CSR		
<b>Toxicity to algae</b>			
EC5	>	10000	mg/l
Species	Scenedesmus quadricauda		
Exposure time	8 days		
Source	CSR		
<b>Bacteria toxicity</b>			
EC10	>	1995	mg/l
Species	Activated sludge		
Exposure time	30 min		
Source	CS		

#### Mobility:

The product is water soluble and therefore highly mobile.

#### Persistence and degradability :

Biodegradable

#### Potential for bioaccumulation:

Low

#### Other adverse effects : /

### **13 – DISPOSAL CONSIDERATIONS**

**Waste, products unused :**

Comply with national and local regulations. May be disposed of with household waste.

Store the waste identified, the unused products, and make them retrieve and process by an approved body

**Contaminated packaging:**

Completely empty the container. May be disposed of with household waste.

**National and local provisions:**

See the Environmental Code.

### **14 – TRANSPORT INFORMATIONS**

Transport product in compliance with the provisions of the ADR for road, RID for rail, IMDG for sea and ICAO / IATA for air transport:

Product not classified as dangerous goods transport

### **15 – REGULATORY INFORMATIONS**

Regulations / legislation specific to the substance or mixture of safety, health and environment

This safety data sheet conforms to the requirements of EC Regulation 1907/2006 as amended by Regulation 453/2010/CE.

Table of occupational illnesses, the Social Security Code: 84

Ranking section ICPE (France) = Not applicable

Evaluation of chemical safety: /

### **16 – OTHER INFORMATIONS**

The working conditions of the user we are not known, the information contained in this safety data sheet are based on the state of our knowledge and on national and community regulations.

The mixture should not be used for other purposes than those specified under heading 1 without first obtaining written handling instructions.

It is always the responsibility of the user to take all necessary measures to meet the requirements of local laws and regulations.

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

Full text of risk phrases R, H, uh cited in section 3 for raw materials in its purest form: /

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