
SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: SMIDGE
Product code: P00548V03/02
UFI Code: 0JT3-KQJV-2H3D-G70F
KEMI Registration: 5456
Authorisation holder: DAKEM S.A.

Company/undertaking identification:

Registered company name: DAKEM S.A.
Address: 69, rue Victor Hugo
92400 COURBEVOIE
FRANCE
Tel. : +33 (0)1 47 82 79 07
Fax : +33 (0)1 47 86 34 73
info@dakem.com

Emergency telephone number:

112

Use of the substance/preparation:

Biocidal product – insect repellent (PT19)

2 - HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Eye irritation, Category 2 (Eye Irrit. 2, H319).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Biocidal mixture (see section 15).

Mixture for spray application.

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

Hazard pictograms:



GHS07

Signal Word: WARNING

Hazard statements:

H319 Causes serious eye irritation.

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:

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

Precautionary statements - Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary statements - Disposal:

P501 Dispose of contents/container in accordance with national regulations.

Other information: Keep away from food, drink and animal feedingstuffs.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

3 - COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures****Composition:**

Identification	(EC) 1272/2008	Note	%
INDEX: B119515387 CAS: 119515-38-7 EC: 423-210-8 SEC-BUTYL 2-(2-HYDROXYETHYL)PIPERIDINE-1-CARBOXYLATE	GHS07 Wng Eye Irrit. 2, H319		$10 \leq x \% < 25$
INDEX: 56815 CAS: 56-81-5 EC: 200-289-5 GLYCERINE		[1]	$2.5 \leq x \% < 10$
INDEX: 603_002_005A CAS: 64-17-5 EC: 200-578-6 REACH: 01-2119457610-43 ETHANOL	GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319	[1]	$2.5 \leq x \% < 10$

Information on ingredients:

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

4 - FIRST AID MEASURES

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

NEVER induce swallowing in an unconscious person.

4.1. Description of first aid measures**In the event of exposure by inhalation:**

If inhaled, move the patient to fresh air and keep warm and at rest

In the event of splashes or contact with eyes:

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

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin:

For feeling of irritation, rinse abundantly with water. And to consult a dermatologist if the feeling persists.

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.

In the event of ingestion, to consult a doctor or to contact a processing center of the intoxications.

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.

5 - FIRE-FIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable extinguishing media:

In the event of fire, use:

- water spray or water fog
- foam
- Polyvalente powder class ABC
- Powder class BC
- Carbon dioxide (CO₂)

Extinguishing media which must not be used for safety reasons:

In the event of 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 (CO₂)

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.

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

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.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

Use some absorbent.

The elimination must be carried out by a registered salvage professional.

6.4. Reference to other sections

No data available.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Do not eat or drink during the use.

Avoid inhalation of the steams.

Do not mix with another chemical product.

Consult the note before use.

Follow hygiene and security biocidal rules.

Fire prevention:

Prevent access by unauthorized personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture.

Follow the hygiene and security rules.

Prohibited equipment and procedures:

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

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Keep protected from frost.

Packaging

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

7.3. Specific end use(s)

No data available.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

France (INRS - ED984/ 2019-1487):

CAS	VME-ppm:	VME-mg/m ³ :	VLE-ppm:	VLE-mg/m ³ :	Notes:	TMP N°:
56-81-5	-	10	-	-	-	-
64-17-5	1000	1900	5000	9500	-	84

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

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
56-81-5	10 mg/m ³	-	-	-	-
64-17-5	-	1000 ppm	-	A3	-

Germany - AGW (BAuA - TRGS 900):

CAS	VME:	VME:	Overrun:	Remarks:
56-81-5	-	200 mg/m ³	-	2 (I)
64-17-5	500 ppm	960 mg/m ³	-	4(Î™ Î™)

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

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.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes.

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Before handling powders or dust emission, wear mask goggles in accordance with standard EN166.

When spraying, wear a face shield in accordance with standard EN166.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

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:

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

Recommended properties:

- Impervious gloves in accordance with standard EN374

An important use of the product can create cutaneous reactions for reactive people.

Use on a healthy skin.

- Body protection

If case of cutaneous intolerances, to consult a dermatologist

- Respiratory protection

Avoid breathing dust.

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

Do not use in closed and not ventilated space.

Avoid inhalation.

9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information:

Physical state: fluid liquid

Important health, safety and environmental information:

pH of the substance or preparation: neutral

When a pH measure is possible, it has a value of: 6.00-7.00

Boiling point/boiling range: > 100°C

Flash point: > 100°C

Vapour pressure (50 °C): 175 kPa < VP < 300 kPa

Density: = 1

Water solubility: Soluble

Viscosity: $\nu < 7 \text{ mm}^2/\text{s}$ (40 °C)

Melting point/melting range: not applicable

Self-ignition temperature: not applicable

Decomposition point/decomposition range: not specified

9.2. Other information

No data available.

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

No data available.

10.4. Conditions to avoid

Avoid:

- formation of dusts
- frost

10.5. Incompatible materials

STRONG OXIDIZING AGENTS

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
 - carbon dioxide (CO₂)
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11 - TOXICOLOGICAL INFORMATION

In the event of ingestion, to consult a doctor or to contact a processing center of the intoxications

11.1. Information on toxicological effects

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

In the event of dust formed by mechanical action (sanding, sawing, etc..), this dust may cause irritation by inhalation and contact with eyes.

11.1.1. Substances

Serious damage to eyes/eye irritation:

ETHANOL (CAS: 64-17-5)

Causes serious eye irritation.

Corneal haze: 1 \leq Average score < 2 and effects totally reversible within 21 days of observation

Conjunctival redness: 2 \leq Average score < 2.5 and effects totally reversible within 21 days of observation

11.1.2. Mixture

Serious damage to eyes/eye irritation :

Corneal haze: 1 \leq Average score < 2 and effects totally reversible during 7 days of observation

Species: Rabbit

REACH Method B.5 (Acute Toxicity: Eye Irritation / Corrosion)

Iritis: Average score < 1

Species: Rabbit

REACH Method B.5 (Acute Toxicity: Eye Irritation / Corrosion)

Conjunctival redness: Average score ≥ 2 and effects totally reversible within 7 days of observation

Species: Rabbit

REACH Method B.5 (Acute Toxicity: Eye Irritation / Corrosion)

12 - ECOLOGICAL INFORMATION

Do not reject in natural environment.

12.1. Toxicity

12.1.2. Mixtures

Not classified as hazardous to the environment.

No data available on aquatic toxicity.

WGK (Germany): 0 – not hazardous to water (according to AwSV).

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.

13 - DISPOSAL CONSIDERATIONS

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

EWC code: 20 01 29* – Detergents or biocidal preparations containing dangerous substances.

Do not discharge to sewers or surface water.

Empty packaging should be rinsed and recycled or disposed of via authorised waste collector.

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.

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

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:

- EU Regulation No 1272/2008 amended by EU Regulation No. 2024/197 (ATP 21).
- Regulation (EC) No 1907/2006 (REACH)
- Regulation (EU) No 528/2012 (Biocidal Products Regulation, BPR)

- Container information:

BAuA Reg. No. N-98117v

Product type: 19 – Repellents and attractants

Authorisation holder: DAKEM S.A. (France) No data available.

- Particular provisions:

Gefahrstoffverordnung (GefStoffV) – complies

TRGS 400 / 401 / 900 – occupational safety and exposure limits

AwSV – classified WGK 0 (not hazardous to water)

Active substance Name	CAS	%	PT
SEC-BUTYL 2-(2-HYDROXYETHYL)PIPERIDINE-1-CARBOXYLATE	119515-38-7	200.00 g/kg	19

Product-Type 19: Repellents and attractants

15.2. Chemical safety assessment

No required for this mixture.

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 classification of the mixture is based:

- either on test data specific to the mixture itself (if available),
- or, failing that, on calculation or extrapolation methods provided for in Annexes I and II of the CLP (approaches based on extrapolation, dilution, additivity, etc.).

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 is based on our current knowledge and applicable regulations. It describes the product from a safety standpoint only and does not constitute a guarantee of specific properties.

Title for H and EUH indications mentioned in section 3:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

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).
GHS07:	Exclamation mark