

TIPP-EX® Shake'n Choose 2 in 1

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date: 06/03/2015

Supersedes: 04/11/2014

Version: 5.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Substance or preparation : Mixture
Product name. : TIPP-EX® Shake'n Choose 2 in 1

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Correction fluid

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

SOCIETE BIC
14, Rue Jeanne d'Asnières
92611 CLICHY Cédex
T +33 01 45 19 52 00 - F +33 01 45 19 52 99
Bic.Contact@bicworld.com

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2 H225
Skin Irrit. 2 H315
STOT SE 3 H336
Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

F; R11
Xi; R38
R67
N; R51/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

Very flammable liquid. Causes skin irritation. Vapours may cause drowsiness and dizziness. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Danger
Hazardous ingredients : Naphtha (petroleum), light alkylate, Naphtha (petroleum), hydrotreated light
Hazard statements (CLP) : H225 - Highly flammable liquid and vapour
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness
H411 - Toxic to aquatic life with long lasting effects
Precautionary statements (CLP) : P102 - Keep out of reach of children
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P273 - Avoid release to the environment
P302+P352 - IF ON SKIN: Wash with plenty of soap and water

Reduced labelling allowed for small packaging (<125 ml)

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazard statements (CLP) :

H336 - May cause drowsiness or dizziness

Hazardous ingredients :

Naphtha (petroleum), light alkylate and hydrotreated light

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Titanium dioxide	(CAS No) 13463-67-7 (EC no) 236-675-5 (REACH-no) 01-2119489379-17	< 50	Not classified
Naphtha (petroleum), hydrotreated light	(CAS No) 064742-49-0 (EC no) 265-151-9 (EC index no) 649-328-00-1	< 30	F; R11 Xn; R65 Xi; R38 R67 N; R51/53
Naphtha (petroleum), light alkylate	(CAS No) 64741-66-8 (EC no) 265-068-8 (EC index no) 649-276-00-X	< 30	F; R11 Xn; R65 Xi; R38 R67 N; R51/53

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Full text of R-, H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. If the person feels unwell : Seek medical advice.
- First-aid measures after skin contact : Wash immediately with plenty of soap and water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. If irritation persists, consult an eye specialist.
- First-aid measures after ingestion : Do not induce vomiting. Seek medical advice (show the label where possible).

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

- Symptoms/injuries after inhalation : Drowsiness. Dizziness.
- Symptoms/injuries after skin contact : Redness. Pain.

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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

Suitable extinguishing media : Foam. Powder. Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Fire hazard : On heating or during combustion : Toxic vapours may be released.
Explosion hazard : The vapours are denser than air and may travel along the ground. Distance ignition possible.

5.3. Advice for firefighters

Precautionary measures fire : Evacuate the danger area. Cool down the containers exposed to heat with a water spray. Contain the extinguishing fluids by bunding (the product is hazardous for the environment). Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes. Do not breathe smoke. No flames, no sparks. Eliminate all sources of ignition. Do not smoke. In case of important spillage : Mark out the contaminated area with signs and prevent access to unauthorized personnel. Prevent the product from entering drains or confined areas. Ventilate spillage area. Stop leak if safe to do so. Use only non-sparking tools.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Contain the spilled material by bunding (product is hazardous for the environment). Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spillage with: inert absorbent material. Sand/earth.
Methods for cleaning up : Sweep up or vacuum up the product. Dispose of contaminated materials in accordance with current regulations.

6.4. Reference to other sections

For further information see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Vapour exhaust preferably at emission point. Use non-sparking tools. Avoid contact with skin and eyes. Do not breathe smoke. No flames, no sparks. Eliminate all sources of ignition. Smoking is forbidden. Take precautionary measures against static discharges. Do not overheat the product.
Hygiene measures : Do not drink, eat or smoke in the workplace. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : The floor of the depot must be impermeable, non-combustible and designed to form a basin, in order that stored flammable liquids should not, under any circumstances, be released outside.
Storage conditions : Store in a cool, well-ventilated place. Keep container tightly closed. Avoid ignition sources. Keep away from naked flames/heat.
Incompatible materials : Strong oxidizing agents. Oxidizing materials.
Packaging materials : Store in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Titanium dioxide (13463-67-7)		
France	VME (mg/m ³)	10 mg/m ³

8.2. Exposure controls

Technical measures : Ensure good ventilation of the work station. Extraction to remove vapours at their source.

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Hand protection	: Impermeable protective gloves. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374. Breakthrough time : refer to the recommendations of the supplier.
Eye protection	: Safety glasses.
Respiratory protection	: If vapour is released : Aerosol filter type A.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: White.
Odour	: solvent-like odour.
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 95 - 114 °C (760 mmHg)
Flash point	: -4,5 °C (NF EN ISO 13736)
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 26 - 49 mm Hg (20 °C)
Relative vapour density at 20 °C	: No data available
Relative density	: 1,25 (25°C)
Solubility	: Water: 0,1 g/l Practically insoluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: > 60 mm ² /s (40°C)
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: 1,7 - 12,3 vol %

9.2. Other information

: Volatile component : 0.89 - 1.08 %

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

Flammable or explosive vapour/air mixtures may be formed.

10.4. Conditions to avoid

Heat. Sparks. Open flame. Ignition sources.

10.5. Incompatible materials

Strong oxidizing agents. Strong reducing agents.

10.6. Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis) releases : Carbon oxides (CO, CO₂). Various hydrocarbon fragments.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

Naphtha (petroleum), light alkylate (64741-66-8)	
LD50 oral rat	> 7000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (ppm)	> 5,04 ppm/4h

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Naphtha (petroleum), hydrotreated light (064742-49-0)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	3160 mg/kg
LC50 inhalation rat (mg/l)	> 12 mg/l/6h

Titanium dioxide (13463-67-7)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg
LC50 inhalation rat (mg/l)	> 3,56 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation. pH: Not applicable
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
Respiratory or skin sensitisation	: Not classified (No sensitizing effect known)
Germ cell mutagenicity	: Not classified (Lack of data)
Carcinogenicity	: Not classified Titanium dioxide (powder) is listed as being potentially carcinogenic (group 2B) by the CIRC, based on studies on animals However, studies on human epidemiology do not suggest links between the occupational exposure to titanium dioxide and the risk of cancer
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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Naphtha (petroleum), light alkylate (64741-66-8)	
LC50 fishes 1	8,3 mg/l/96h (Pimephales promelas)

Naphtha (petroleum), hydrotreated light (064742-49-0)	
EC50 other aquatic organisms 2	2,6 mg/l (crustacean)

12.2. Persistence and degradability

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Persistence and degradability	Mixture based on substances which are not readily biodegradable.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Discharging into rivers and drains is forbidden. Dispose of in accordance with relevant local regulations. Destroy at an authorised site.
Additional information	: The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number	
UN-No	: 1139

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UN-No. (IATA) : 1139
UN-No. (IMDG) : 1139

14.2. UN proper shipping name

Proper Shipping Name : COATING SOLUTION
Transport document description : UN 1139 COATING SOLUTION, 3, II, (D/E)

14.3. Transport hazard class(es)

Class (UN) : 3
Class (IATA) : 3
Class (IMDG) : 3
Hazard labels (UN) : 3



14.4. Packing group

Packing group (UN) : II
Packing group (IMDG) : II

14.5. Environmental hazards

Dangerous for the environment :



Other information : Dangerous for the environment.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 33
Classification code (UN) : F1
Orange plates :



Special provision (ADR) : 640D
Transport category (ADR) : 2
Tunnel restriction code : D/E
Limited quantities (ADR) : 5L
LQ : LQ07
Excepted quantities (ADR) : E2
EAC code : •3YE

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

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15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

This sheet was updated (refer to the date at the top of this page). (see section(s) : 2).

Other information

: No experimental study is available on the mixture. Information hereunder are based on our knowledge on components, and classification of the mixture is determined with the calculation method .

Safety data sheet established by : LISAM SERVICES - TELEGIS

Rue de la Couture F-60400 PASSEL

Safety Made Easy with www.lisam.com.

Full text of R-, H- and EUH-phrases::

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
R11	Highly flammable
R38	Irritating to skin
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R67	Vapours may cause drowsiness and dizziness
F	Highly flammable
N	Dangerous for the environment
Xi	Irritating
Xn	Harmful

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product