

CHEMICAL PRODUCTS - SAFETY DATA SHEET

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

1.1. Identifier of the product: SWO – 404V
 Alternative names: Chemical family: mixture

1.2. Identified relevant uses of the substance or mixture and discouraged applications

Intended use: Demulsifier
 Method of application: See the technical data sheet.

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

The name of the company: OILFLUX™.
 Street Migdia 37, Level 7
 Girona, Spain. 17002

Emergency
 Emergency phone: +34 695949325
 Oilflux™
 Customer service: +34 695949325
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SECTION 2. HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Indication of danger	Category	Code
Flammable Liquid	Category 3	H226
Skin Irritation	Category 2	H315
Serious eye irritation	Category 2A	H319
Specific target organ toxicity – single exposure	Category 3	H336
Aspiration Hazard	Category 1	H304
Chronic aquatic toxicity	Category 2	H411

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : **WARNING**

Dangerous components to be indicated on the label:

Solvent naphtha (petroleum), heavy arom.
1-3-5 trimethylbenzene

Hazard statements	H226	Flammable liquid and vapour.
	H315	Causes skin irritation.
	H319	Causes serious eye irritation.
	H336	May cause drowsiness or dizziness.
	H304	May be fatal if swallowed and enters airways.
	H411	Toxic to aquatic life with long lasting effects.

Precautionary statements	: Prevention:	
	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
	P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
	P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
	P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

Result of PBT and vPvB assessment.

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures

Component	CAS #	%
DDBSA and Derivates		
Skin Corr. 1C, H314; Eye Dam. 1, H318 Acute Tox. 4, H302; Aquatic Chronic 3, H412	85536-14-7	1 - 5 %
1-3-5 trimethylbenzene		
Flam. Liq. 3, H226 STOT SE 3, H335; Skin Irrit. 2 H315; Eye Irrit. 2 H319; Aquatic Chronic 2, H411 Asp. Tox. 1, H304.	108-67-8	10 - 20 %
Heavy Aromatic Naphta		
Asp. Tox. 1, H304. Aquatic.Chronic 2, H411 STOT SE 3, H336	64742-94-5	30 – 50 %

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

If inhaled	: In case of unconsciousness place patient stably in side position for transportation.
In case of skin contact	: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If symptoms persist, call the doctor.
In case of eye contact	: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If symptoms persist, call the doctor.
If swallowed	: If swallowed, call a poison control center or doctor immediately.

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

Symptoms : None known.

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

Treatment : None known.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire- fighting : In case of fire hazardous decomposition products may be produced such as:
Carbon oxides

Do not use a solid water stream as it may scatter and spread fire.

5.3. Advice for firefighters

Special protective equipment for Firefighter : In the event of fire, wear self-contained breathing apparatus.

Further information : Use water spray to cool unopened containers.

Prevent fire extinguishing water from contaminating surface water or the ground water system.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Remove all sources of ignition.
Ensure adequate ventilation.
Use personal protective equipment.

6.2. Environmental precaution

Environmental precautions : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Methods for cleaning : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13).

6.4. Reference to other sections : None.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

- Advice on safe handling : Keep away from heat and sources of ignition.
Do not use sparking tools.
Avoid contact with skin, eyes and clothing.
Handle in accordance with good industrial hygiene and safety practice.
- Advice on protection against : Normal measures for preventive fire protection fire and explosion.

7.2. Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place.
- Advice on common storage : No special restrictions on storage with other products.
- Other data : Stable under recommended storage conditions.

7.3 Specific end use(s)

- Specific use(s) : No data available.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:
108-67-8 (1-3-5 Trimethylbenzene, 10 - 20 %)
64742-94-5 (Heavy Aromatic Naphta, 10 – 20 %)

8.2 Exposure controls

Personal protective equipment

- Eye protection** : Tightly fitting sealed goggles
- Hand protection** : Impervious gloves
- Skin and body protection** : Impervious clothing
- Respiratory protection** : In the case of vapour formation use a respirator with an approved filter.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information basic physical and chemical properties

Appearance	: Liquid
Color	: Clear Yellow to Brown
Odor	: Aromatic
Odor threshold	: No data available
pH	: 4 - 6
Pour point	: No data available
Boiling point	: No data available
Decomposition temperature	: No data available
Flash Point	: $\geq 60^{\circ}\text{C}$
Evaporation rate	: No data available.
Flammability (solid, gas)	: No data available.
Upper explosion limit	: No data available.
Lower explosion limit	: No data available.
Vapor pressure	: No data available.
Relative vapour density	: No data available
Density	: 0,9 – 0,95 g/cm ³
Water Solubility	: Insoluble
Solubility in other solvents	: No data available.
Thermal descomposition	: No data available.
Viscosity, dynamic	: Wide Range
Viscosity, kinematic	: Wide Range

9.2. Other information

No data available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

Hazardous reactions: Stable under recommended storage conditions. (SECTION 7)

10.4. Conditions to avoid

Conditions to avoid: Keep away from heat and sources of ignition.

10.5. Incompatible materials:

Materials to avoid: Strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products: No data available.

SECTION 11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

Primary irritant effect:**Skin corrosion/irritation**

Product: Causes skin irritation.

Serious eye damage/eye irritation

Product: Causes serious eye irritation.

Respiratory or skin sensitization

Product: May be fatal if swallowed and enters airways.

CMR effect (carcinogenicity, mutagenicity and toxicity for reproduction)**Germ cell mutagenicity**

Product: Based on available data, the classification criteria are not met.

Carcinogenicity

Product: Based on available data, the classification criteria are not met.

Reproductive toxicity

Product: Based on available data, the classification criteria are not met.

STOT – single exposure

Product: May cause drowsiness or dizziness.

STOT – repeated exposure

Product: Based on available data, the classification criteria are not met.

Aspiration Hazard

May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Aquatic toxicity : No further relevant information available.

12.2 Persistence and degradability : Not easily biodegradable.

12.3 Bioaccumulative potential : No further relevant information available.

12.4 Mobility in soil : No further relevant information available.

Ecotoxicological effects : Toxic for fish

Recommended environmental indications

Water hazard class 2 (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

mPmB: Not applicable.

12.6 Other adverse effects

No further relevant information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product	: Must not be disposed together with household garbage. Do not allow product to reach sewage system. The product should not be allowed to enter drains, water courses or the soil.
Uncleaned Packaging	: Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

14.1 Transport information

UN number: 1993

UN proper shipping name SWO-DEMULSIFIER

14.2 United Nations Transport Official Designation:

- **ADR** FLAMMABLE LIQUID, N.O.S (Solvent naphtha (petroleum), heavy arom. DDBSA and Derivates. 1-3-5 trimethylbenzene.), 3, III, ENVIRONMENTALLY HAZARDOUS.
- **IMDG** FLAMMABLE LIQUID, N.O.S (Solvent naphtha (petroleum), heavy arom. DDBSA and Derivates. 1-3-5 trimethylbenzene.), 3, III, ENVIRONMENTALLY HAZARDOUS.
- **IATA** FLAMMABLE LIQUID, N.O.S (Solvent naphtha (petroleum), heavy arom. DDBSA and Derivates. 1-3-5 trimethylbenzene.), 3, III, ENVIRONMENTALLY HAZARDOUS

14.3 Transport hazard class:

* ADR, IMDG, IATA



Class:

3

14.4 Packing group:

III

*ADR, IMDG, IATA

14.5 Environmental hazardous: Product contains environmentally hazardous substances: Heavy Aromatic Naphta. DDBSA and derivates. 1-3-5 trimethylbenzene.

14.6 Special precautions for user: Various hazardous Materials and objects.

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

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

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

*REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and by which they are modified and repeal Directives 67/548 / EEC and 1999/45 / EC and amending Regulation (EC) No 1907/2006.

*<https://echa.europa.eu/es/information-on-chemicals/cl-inventory-database>

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant Phrases

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects

Abbreviations and acronyms:

DDBSA	Dodecyl benzene sulphonic acid
ADR	Agreement on Dangerous Goods by Road
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
CAS	Chemical Abstracts Service
PBT	Persistent, Bioaccumulative and toxic
vPvB	very Persistent and very Bioaccumulative
STOT SE	Specific target organ toxicity – single exposure.

OILFLUX CAPITAL SL cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.