

This Safety Data Sheet is in accordance with Regulation (EC) No 1907/2006 (REACH).
Commission Regulation (EU) 2020/878 of 18 June 2020.

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

1.1 Product Identifier

Material Name : White Spirit, Solvent, Stoddard Solvent

CAS No : 8052-41-3

EC No : 232-489-3

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

It is used as as thinning oil for dye production in industry and solvent for cleaning grease and oil residues.

1.3 Details of the supplier of the substance or mixture

Manufacturer/Supplier: Tüpraş

Adress : Türkiye Petrol Rafinerileri A.Ş. Genel Müdürlüğü ŞİŞLİ, İSTANBUL

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1.4 Emergency Telephone Number

Company Telephone : +90 212 878 90 00

2. HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Classification According to Regulation (EC) No 1272/2008

Flammable Liquids, Category 3	H226
Aspiration toxicity, Category 1	H304
Skin corrosion/irritation, Category 2	H315
Eye Irrit. 2	H319
Specific target organ toxicity-single exposure, Category 3,	H336
Specific target organ toxicity-repeated exposure,Cat.1	H372
Hazardous to the aquatic environment-Longterm Hazard, Category 2	H411

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2.2 Label Elements

Labelling According to Regulation (EC) No 1272/2008 (CLP/GHS)

Pictograms:



GHS07



GHS08



GHS09

Signal Word: Danger

Hazard statements: H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

Prevention :P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting equipment.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

P302 + P352 IF ON SKIN: Wash with plenty of water and soap.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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P331 Do NOT induce vomiting.

P391 Collect spillage.

Disposal

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

2.3 Other hazards

Slightly irritating to respiratory system.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

CAS NO	EINECS NO	Chemical Composition	% Conc.	Classification (Regulation (EC) No 1272/2008)
8052-41-3	232-489-3	Stoddart Solvent*	100	<ul style="list-style-type: none"> - Flammable liquids,3 H226 - Aspiration hazard, 1 H304 - Skin corrosion/irritation,2 H315 - Eye irritation, 2 H319 - Specific target organ toxicity - single exposure,3 H336 - Specific target organ toxicity-repeated exposure,Cat.1 H372 - Hazardous to the aquatic environment- Longterm Hazard, 2 H411

***Note P:** The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene(EINECS No 200-753-7).

3.2 Mixtures

Not applicable.

4. FIRST-AID MEASURES

4.1 Description of First Aid Measures

Inhalation: If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.

Skin Contact: Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin. If hot product causes burns, the effected area should be flooded immediately with, or immersed in cold water for 15 minutes, or longer if pain persists. Burns should be covered with clean cotton or gauze, and the casualty taken to hospital as soon as possible for examination and treatment. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment. When using high

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pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the casualty should be sent immediately to a hospital. Do not wait for symptoms to develop.

Eye Contact: Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. If redness, burning, blurred vision, or swelling persist transport to the nearest medical facility for additional treatment.

Ingestion: If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, the ingestion or large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice.

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

Inhalation: If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath.

Skin Contact: Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters.

Eye contact: Eye irritation signs and symptoms may include a burning sensation and a temporary redness of the eye.

Ingestion: Swallowing can cause lung damage.

4.3 Indication of any immediate medical attention and special treatment needed

There are no specific antidotes or other therapeutic measures, treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Use foam, dry powder or water spray. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

5.2 Special hazards arising from substance or mixture

Combustion results from toxic gases. It can burn at high temperatures.

5.3 Advice for fire-fighters

For major fires call the Fire Service. Ensure an escape path is always available from any fire. Use alcohol resistant foam, dry powder, water spray and sand. Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus. Vapors may form explosive mixtures with air.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapor or mist. Provide adequate ventilation. Put on appropriate personal protective equipment. All equipment used when handling the product must be grounded.

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6.2 Environmental precautions

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.

6.3 Methods and material for containment and cleaning up

Take precautionary measures against static discharges. For small liquid spills (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. For large liquid spills (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. Shovel into a suitable clearly marked container for disposal or reclamation in accordance with local regulations.

6.4 Reference to other sections

Refer to sections 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks. Avoid inhaling vapour and/or mists. Avoid prolonged or repeated contact with skin. When using do not eat or drink. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. The vapour is heavier than air, spreads along the ground and distant ignition is possible. Earth all equipment. Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires.

7.2 Conditions for safe storage, including any incompatibilities

Drum and small container storage: Drums should be stacked to a maximum of 3 high. Use properly labelled and closeable containers. Take suitable precautions when opening sealed containers, as pressure can build up during storage. Tank storage: Tanks must be specifically designed for use with this product. Bulk storage tanks should be diked (bunded). Locate tanks away from heat and other sources of ignition. The vapour is heavier than air. Beware of accumulation in pits and confined spaces. Electrostatic charges will be generated during pumping. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment to reduce the risk. The vapours in the head space of the storage vessel may lie in the flammable/explosive range and hence may be flammable.

7.3 Specific end use

Except as provided in Section 1.2 is not required to offer any specific suggestions.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Material	Exposure Limits
Stoddart Solvent (CAS 8052-41-3)	ACGIH TLV/TWA : 100 ppm

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation.

8.2.2 Personal protective precautions

Personal protective equipment:

Personal protective equipment (PPE) should meet recommended national standards.

Eyes: Chemical splash goggles (chemical monogoggles).

Skin: Protective clothing and gloves should be used.

Inhalation: Chemical resistant gloves are recommended. Safety glasses with side shields are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Property	Test Unit	Guarantee	Test Method
Appearance	-	Liquid, colorless	Visual inspection
Odour	-	Hydrocarbon	-
Initial boiling point and boiling range	°C	140-210	ASTM D86, IP 123
Flash point	°C	>38	ASTM D93
Melting point / freezing point	-	No data.	-
Evaporation rate	-	No data.	-
Auto Ignition temperature	-	No data.	-
Explosive properties	-	No data.	-
Oxidising properties	-	No data.	-

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9.2 Other Information

No relevant additional information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Oxidises on contact with air.

10.2 Chemical Stability

No hazardous reaction is expected when handled and stored according to provisions.

10.3 Possibility of Hazardous Reactions

Product vapors may form explosive mixtures with air.

10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition source.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Hazardous decomposition products are not expected to form during normal storage. Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide, sulphur oxides and unidentified organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information given is based on product data, a knowledge of the components and the toxicology of similar products.

Acute Oral Toxicity: Low toxicity: LD50 (Rat) > 5000 mg/kg

Acute Dermal Toxicity: Low toxicity: LD50 (Rabbit) >2000 mg/kg

Acute Inhalation Toxicity: Low toxicity: LC50 (Rat) >5 mg/l, 4 h

Skin corrosion/irritation: Irritating to skin

Serious eye damage/irritation: Expected to be slightly irritating.

Respiratory or skin sensitisation: Not expected to be a sensitiser.

Germ cell mutagenicity: Not considered a mutagenic hazard.

Carcinogenicity: Not classified as a carcinogen.

Reproductive and Developmental Toxicity: Not expected to be a developmental toxicant.

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Specific target organ toxicity - single exposure: High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

Specific target organ toxicity - repeated exposure: No data available.

11.2 Information on other hazards

No information available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic life with long lasting effects

12.2 Persistence and degradability

Major constituents are expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.

12.3 Bioaccumulative potential

Contains constituents with the potential to bioaccumulate.

12.4 Mobility in soil

Evaporates within a day from water or soil surfaces. Large volumes may penetrate soil and could contaminate groundwater. Contains volatile constituents. Floats on water.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

Films formed on water may affect oxygen transfer and damage organisms.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Material Disposal:

Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Do not dispose of tank water bottoms by allowing them to drain into the ground. This will result in soil and groundwater contamination. Waste arising from a spillage or tank cleaning should be disposed of in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.



Türkiye Petrol Rafinerileri A.Ş.

SAFETY DATA SHEET WHITE SPIRIT

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Container Disposal:

Send to drum recoverer or metal reclaimer. Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard if heated above the flash point. Do not puncture, cut or weld uncleaned drums. Do not pollute the soil, water or environment with the waste container. Comply with any local recovery or waste disposal regulations.

Local Legislation:

Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be in compliance.

14. TRANSPORT INFORMATION

Land transport (ADR/RID):

14.1 UN number or ID number: 1268

14.2 UN proper shipping name : UN 1268 PETROLEUM DISTILLATES, N.O.S. (Stoddart Solvent)

14.3 Transport hazard class(es) : 3

14.4 Packing group : III

14.5 Environmental hazards : Environmentally Hazardous

14.6 Special precautions for user : Refer to Chapter 7

Sea transport (IMDG Code):

14.1 UN number or ID number: 1268

14.2 UN proper shipping name : UN 1268 PETROLEUM DISTILLATES, N.O.S. (Stoddart Solvent)

14.3 Transport hazard class(es) : 3

14.4 Packing group : III

14.5 Marine pollutant : Yes

14.6 Special precautions for user : Refer to Chapter 7

14.7. Maritime transport in bulk according to IMO instruments: Not applicable.

Air transport (IATA):

14.1 UN number or ID number: 1268

14.2 UN proper shipping name : UN 1268 PETROLEUM DISTILLATES, N.O.S. (Stoddart Solvent)

14.3 Transport hazard class(es) : 3

14.4 Packing group : III

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14.5 Environmental hazards : Yes

14.6 Special precautions for user : Refer to Chapter 7

15. REGULATORY INFORMATION

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

Commission Regulation (EU) 2020/878 of 18 June 2020.

Health and Safety at Work etc. Act 1974 (as amended).

EH40/2005 Workplace exposure limits.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Restrictions (Annex XVII Regulation 1907/2006)

CAS Number: 8052-41-3 Input Number: 28; Sequence No: 842

CAS Number: 8052-41-3 Input Number: 29; Sequence No: 1381

Seveso Directive - Control of major accident hazards

P5a Lower-tier 10 tonnes Upper-tier 50 tonnes.

E2 Lower-tier: 200 tonnes Upper-tier: 500 tonnes.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

16.1 Other Information

The information presented about health, safety and environment issues in this safety data sheet was given by considering of best knowledge and reliable sources at the date of its preparation. Although maximum effort was shown, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization given or implied to practise any patented invention without a valid licence. The TÜPRAŞ shall not be responsible

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for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.

Abbreviations :

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route

CLP: Classification, Labelling and Packaging Regulation according to 1272/2008/EC

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods Code

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

UVCB: Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials (US EPA)

TWA: Time weighted average

Revision

SDS has been rearranged in accordance with the current regulation provisions. The specified sections of this SDS differ from the previous revision: 2, 8, 9, 11, 14, 15, 16.

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