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

PRODUCT NAME	SOLVENT 175/195
CAS-No.	64742-48-9
EU INDEX NO.	649-327-00-6
EC No.	265-150-3
PRODUCT NO.	1759
APPLICATION	Solvent for Industrial Use
SUPPLIER	Oil Salvage Ltd 1 Lyster Road Bootle Liverpool Merseyside L20 1AS Tel: 0151 933 4084 Fax: 0151 922 8488 www.oilsalvage.com

2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45)	Xn;R65. R66.	
CLASSIFICATION (EC 1272/2008)	Physical	Not classified.
	Health	EUH066; Asp. Tox. 1 - H304
	Environmental	Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD	Danger	
CONTAINS	NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT	
HAZARD STATEMENTS	EUH066	Repeated exposure may cause skin dryness or cracking.
	H304	May be fatal if swallowed and enters airways.
PRECAUTIONARY STATEMENTS	P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
	P331	Do NOT induce vomiting.

PHYSICAL AND CHEMICAL HAZARDS

Vapours are heavier than air and may travel along the floor and in the bottom of containers.

3 COMPOSITION/INFORMATION ON INGREDIENTS

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT

60-100%

CAS-No.: 64742-48-9

EC No.: 265-150-3

CLASSIFICATION (67/548)

Xn;R65.

R66.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

EU INDEX NO. 649-327-00-6

EC No. 265-150-3

CAS-No. 64742-48-9

COMPOSITION COMMENTS

Benzene may be present but always below 0.1%

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Perform artificial respiration if breathing has stopped. Do not give victim anything to drink if he is unconscious.

INHALATION

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Perform artificial respiration if breathing has stopped. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and provide fresh air. DO NOT induce vomiting if swallowed chemical is dissolved in petroleum-based material. Danger of aspiration and development of chemical pneumonia. Get medical attention immediately!

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Rinse with water. Contact physician if discomfort continues. EYE

CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog. Water spray, fog or mist. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Keep up-wind to avoid fumes. If possible, fight fire from protected position. Move container from fire area if it can be done without risk. Use supplied air respirator if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control. Avoid water in straight hose stream; will scatter and spread fire.

UNUSUAL FIRE & EXPLOSION HAZARDS

Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back. Solvent vapours may form explosive mixtures with air. Vapours may ignite.

SPECIFIC HAZARDS

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂). Vapours may form explosive air mixtures even at room temperature. Vapours may be ignited by a spark, a hot surface or an ember.

PROTECTIVE MEASURES IN FIRE

Wear full protective clothing. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. In case of inadequate ventilation, use respiratory protection. Take precautionary measures against static discharges. Do not smoke, use open fire or other sources of ignition. Do not breathe vapour. Eye contact MUST be prevented by means of suitable personal protection equipment.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. Do not allow ANY environmental contamination. Never use water by itself on spillage; this will spread the spill and cause further contamination.

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SPILL CLEAN UP METHODS

If leakage cannot be stopped, evacuate area. Clean-up personnel should use respiratory and/or liquid contact protection. Wash thoroughly after dealing with a spillage. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Cover large spillage with alcohol-resistant foam. Dam and absorb spillage with sand, earth or other non-combustible material. Runoff or release to sewer, waterway or ground is forbidden. Inform Authorities if large amounts are involved. Spillage may be stored as chemical waste in approved area.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Storage tanks and other containers must be grounded. Protect electric equipment against sparking in case of risk of explosion. Wear full protective clothing for prolonged exposure and/or high concentrations. Contaminated rags and cloths must be put in fireproof containers for disposal. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Do not eat, drink or smoke when using the product. Container must be kept tightly closed.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep away from food, drink and animal feeding stuffs. Avoid contact with oxidising agents. Flammable/combustible - Keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Keep in original container.

STORAGE CLASS

Miscellaneous hazardous material storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT	WEL		1000 mg/m3			

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Check that mask fits tight and change filter regularly.

HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Manufactured/tested in accordance with EN 374.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact. If risk of splashing, wear safety goggles or face shield. Manufactured/Tested in accordance with EN 166.

OTHER PROTECTION

Use barrier creams to prevent skin contact. Provide eyewash station and safety shower. Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. Eating, smoking and water fountains prohibited in immediate work area. **DO NOT SMOKE IN WORK AREA!**

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid
COLOUR	Colourless
ODOUR	Characteristic

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SOLUBILITY	Immiscible with water		
BOILING POINT (°C)	175-195 760 mm Hg	RELATIVE DENSITY	0.765-0.785 15
VAPOUR PRESSURE	<1 mbar 20	VISCOSITY	1.5 cSt 20
FLASH POINT (°C)	>56 CC (Closed cup).	AUTO IGNITION	>230
FLAMMABILITY LIMIT - LOWER(%)	1	TEMPERATURE (°C)	
		FLAMMABILITY LIMIT - UPPER(%)	6

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use. Avoid: Heat, sparks, flames.

CONDITIONS TO AVOID

Avoid contact with strong oxidisers. Avoid heat, flames and other sources of ignition.

HAZARDOUS POLYMERISATION

Will not polymerise. MATERIALS TO

AVOID Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

None at ambient temperatures. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >2000 mg/kg (oral rat)

GENERAL INFORMATION

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Contains small amounts of organic solvents. Extensive use of the product in areas with inadequate ventilation may result in hazardous vapour concentrations.

INHALATION

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

INGESTION

Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs. SKIN

CONTACT

Repeated exposure may cause skin dryness or cracking. EYE

CONTACT

Irritation of eyes and mucous membranes.

HEALTH WARNINGS

Prolonged or repeated contact leads to drying of skin. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

ROUTE OF ENTRY

Ingestion. Inhalation.

TARGET ORGANS

Brain Respiratory system, lungs Mucous membranes

MEDICAL SYMPTOMS

Skin irritation. Irritation of eyes and mucous membranes. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

MEDICAL CONSIDERATIONS

Skin disorders and allergies. Convulsive disorders, CNS problems. Risk of chemical pneumonia after aspiration. SPECIFIC

EFFECTS

Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis. Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer. Prolonged or frequent inhalation of vapours in high concentrations may cause permanent damage to the nervous system, including the brain.

12 ECOLOGICAL INFORMATION

LC 50, 96 Hrs, FISH mg/l >100

BIOACCUMULATION

The product contains potentially bioaccumulating substances.

DEGRADABILITY

The product is expected to be biodegradable.

ACUTE FISH TOXICITY - May cause long term adverse effects in the aquatic environment.

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13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Do not puncture or incinerate even when empty. Waste, residue, empty containers, discarded work clothes and used disposable towels must be collected in designated receptacles, labelled with content. Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

DISPOSAL METHODS

No specific disposal method required. Contact specialist disposal companies. Do not allow runoff to sewer, waterway or ground. WASTE

CLASS

Hazardous Waste The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See section 12. EWC NUMBER: Allocation of a waste code number in accordance with the European Waste Catalogue, should be carried out in agreement with an EA authorised waste disposal company.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	HYDROCARBON LIQUID N-O-S		
UN NO. ROAD	3295	ADR CLASS NO.	3
ADR CLASS	Not classified for transportation.	ADR PACK GROUP	31(c)
HAZCHEM CODE	3Y		

15 REGULATORY INFORMATION

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

GENERAL INFORMATION

Only trained personnel should use this material.

INFORMATION SOURCES

Manufacturer's Material Safety Data Sheet Approved Supply List

ISSUED BY

K Knight

REVISION DATE 28/10/2010

REV. NO./REPL. SDS GENERATED 2

SDS NO. 1759

SAFETY DATA SHEET STATUS

Approved.

DATE 28-Oct-10

SIGNATURE K Knight

RISK PHRASES IN FULL

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.