

International Chemical Safety Cards

THINNER

ICSC: 1237

<p>THINNER Petroleum 50 thinner Molecular mass: ca. 97</p> <p>CAS # see Notes RTECS # SE7558000 ICSC # 1237 UN # 1263</p>

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Highly flammable.	NO open flames, NO sparks, and NO smoking.	Powder, AFFF, foam, carbon dioxide.
EXPLOSION	Vapour/air mixtures are explosive.	Closed system, ventilation, explosion-proof electrical equipment and lighting. Prevent build-up of electrostatic charges (e.g., by grounding). Do NOT use compressed air for filling, discharging, or handling. Use non-sparking handtools.	In case of fire: keep drums, etc., cool by spraying with water.
EXPOSURE		AVOID EXPOSURE OF (PREGNANT) WOMEN! AVOID EXPOSURE OF ADOLESCENTS AND CHILDREN!	IN ALL CASES CONSULT A DOCTOR!
• INHALATION	Confusion. Dizziness. Drowsiness. Headache. Nausea. Unconsciousness.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Half-upright position. Refer for medical attention.
• SKIN	Dry skin.	Protective gloves.	Remove contaminated clothes. Rinse skin with plenty of water or shower.
• EYES	Redness. Pain.	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
• INGESTION	(further see Inhalation).	Do not eat, drink, or smoke during work.	Rinse mouth. Do NOT induce vomiting. Give plenty of water to drink. Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Ventilation. Collect leaking liquid in sealable containers. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT wash away into sewer (extra personal protection: A/P2 filter respirator for organic vapour and harmful dust).	Fireproof. Separated from strong acids, oxidants. Well closed.	UN Hazard Class: 3
SEE IMPORTANT INFORMATION ON BACK		
ICSC: 1237	Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities © IPCS CEC 1993	

International Chemical Safety Cards

THINNER

ICSC: 1237

I M P O R T A N T D A T A	PHYSICAL STATE; APPEARANCE: COLOURLESS LIQUID , WITH CHARACTERISTIC ODOUR.	ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation of its vapour, through the skin and by ingestion.
	PHYSICAL DANGERS: The vapour mixes well with air, explosive mixtures are easily formed. As a result of flow, agitation, etc., electrostatic charges can be generated.	INHALATION RISK: A harmful contamination of the air can be reached very quickly on evaporation of this substance at 20°C.
	CHEMICAL DANGERS: Reacts violently with oxidants and strong acids such as nitric- and sulfuric acids, causing fire and explosion hazard. Attacks plastics and rubber.	EFFECTS OF SHORT-TERM EXPOSURE: The substance irritates the eyes. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. The substance may cause effects on the central nervous system. Exposure could cause lowering of consciousness. Exposure could cause cardiac arrhythmias.
	OCCUPATIONAL EXPOSURE LIMITS (OELs):	EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: Repeated or prolonged contact with skin may cause dermatitis. The substance may have effects on the nervous system, liver and kidneys. May cause reproductive toxicity in humans.
PHYSICAL PROPERTIES	Boiling point: 98-105°C Solubility in water: none Flash point: 4.5°C	Auto-ignition temperature: >300°C Explosive limits, vol% in air: see Notes

ENVIRONMENTAL DATA	The substance is toxic to aquatic organisms.
---------------------------	--

NOTES

CAS number for 641 Thinner is 64742-89-3. The physical properties are dependent on the formulations of the product. Use of alcoholic beverages enhances the harmful effect. Depending on the degree of exposure, periodic medical examination is indicated. Petroleum 50 thinner is a mixture of paraffins, monocycloparaffins, condensed cycloparaffins, benzene, toluene and alkyl benzenes. In the EC the product may be labeled with F, Xn; R: 11-20; S: 9-16-29-33. Also consult ICSC # 0078, toluene.

ADDITIONAL INFORMATION

--	--

ICSC: 1237	© IPCS, CEC, 1993	THINNER
-------------------	-------------------	----------------

IMPORTANT LEGAL NOTICE:	Neither the CEC or the IPCS nor any person acting on behalf of the CEC or the IPCS is responsible for the use which might be made of this information. This card contains the collective views of the IPCS Peer Review Committee and may not reflect in all cases all the detailed requirements included in national legislation on the subject. The user should verify compliance of the cards with the relevant legislation in the country of use.
--------------------------------	--