

SAFETY DATA SHEET



CASCO CONTACT THINNER

1. Identification of the substance/preparation and of the company/undertaking

Product name	: CASCO CONTACT THINNER	Supplier/ Manufacturer	: Akzo Nobel Deco International AB P.O. Box 11550 100 61 Stockholm Sweden Tel. +00468 7434000 Fax. +00468 6436370
Product number	: 3835		
Chemical description	: Thinner and solvent.	Emergency telephone number	: RING 020-99 60 00 (övrig tid, Emergency Response Center)
Material Uses	: For thinning of contact adhesives, for cleaning tools and for removing adhesive spots.		

2. Composition / information on ingredients

Chemical name*	CAS No.	%	EC number	Classification
Sweden				
Ethyl acetate	141-78-6	25 - 50	205-500-4	F; R11, Xi; R36, R66, 67
Acetone	67-64-1	25 - 50	200-662-2	F; R11, Xi; R36, R66, 67
Naphtha (petroleum), hydrodesulfurized light, dearomatized, <0.1% benzene.	92045-53-9	10 - 25	295-434-2	F; R11, Xn; R65, Xi; R38, R67, N; R51/53

See section 16 for the full text of the R Phrases declared above

Legend: T=Toxic, Xn=Harmful, Xi=Irritating, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, C=Corrosive.

* Occupational Exposure Limit(s), if available, are listed in section 8

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification	: R11- Highly flammable. R65- Harmful: may cause lung damage if swallowed. R36/38- Irritating to eyes and skin. R66- Repeated exposure may cause skin dryness or cracking. R67- Vapors may cause drowsiness and dizziness. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Effects and symptoms	
Inhalation	: The product yields solvent fumes during use. Inhalation of these can give headaches, fatigue, nausea, dizziness, deteriorated reaction and at high contents unconsciousness. Prolonged inhalation of high concentrations (see Occupational Exposure Limits) may cause chronic effects. Input Naphtha contains less than 0.1% benzen and therefor the classification as a carcinogen need not to be applied.
Ingestion	: Hazardous in case of ingestion. Ingestion may cause stomach pains, vomiting and the same symptoms as for inhalation if swallowed. May cause lung damage if swallowed.
Skin Contact	: Hazardous in case of skin contact (irritant, sensitizer). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Eye Contact	: Hazardous in case of eye contact (irritant).

4. First aid measures

First-Aid measures

Inhalation	: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	: Do not induce vomiting. Get conscious person to drink several glasses of water or milk. Seek medical attention.
Skin Contact	: Wash skin with soap and water. Cover the irritated skin with an emollient.

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Eye Contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Effects and symptoms

Inhalation : The product yields solvent fumes during use. Inhalation of these can give headaches, fatigue, nausea, dizziness, deteriorated reaction and at high contents unconsciousness. Prolonged inhalation of high concentrations (see Occupational Exposure Limits) may cause chronic effects. Input Naphta contains less than 0.1% benzen and therefor the classification as a carcinogen need not to be applied.

Ingestion : Hazardous in caseof ingestion. Ingestion may cause stomach pains, vomiting and the same symptoms as for inhalation if swallowed. May cause lung damage if swallowed.

Skin Contact : Hazardous in case of skin contact (irritant, sensitizer). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Eye Contact : Hazardous in case of eye contact (irritant).

5. Fire-fighting measures

Extinguishing Media

Suitable : SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Hazardous thermal decomposition products : These products are carbon oxides (CO, CO₂).

6. Accidental release measures

Personal precautions : Admissibly the danger of fire. Use only in well-ventilated areas. Depending on the size of the waste; Wear suitable protective clothing. To prevent skin contact protective gloves should be used during the work. Splash goggles.

Environmental precautions and clean-up methods : Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas; dike if needed.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling : Keep away from heat. Keep away from sources of ignition. Do not breathe vapor. Avoid contact with skin and eyes.

Storage : Keep container tightly closed and in a well-ventilated place. Storage of large amounts, might require special fascilities and permit.

8. Exposure controls/personal protection

Engineering measures : Use only in well-ventilated areas.

Hygiene measures : After handling, always wash hands thoroughly with soap and water.

Ingredient

Ethyl acetate

Occupational exposure limits

AFS (Sweden, 2000).

KTV: 1100 mg/m³ 15 minute(s).

KTV: 300 ppm 15 minute(s).

NGV: 500 mg/m³ 8 hour(s).

NGV: 150 ppm 8 hour(s).

Acetone

AFS (Sweden, 2000).

KTV: 1200 mg/m³ 15 minute(s).

KTV: 500 ppm 15 minute(s).

NGV: 600 mg/m³ 8 hour(s).

NGV: 250 ppm 8 hour(s).

Naphtha (petroleum), hydrodesulfurized light, dearomatized, <0.1% benzene.

AFS (Sweden, 2000).

NGV: 1640 mg/m³ 8 hour(s).

KTV: 2050 mg/m³ 15 minute(s).

Personal protective equipment

General : Depending on handled quantities and working conditions, use the following recommended protective equipment.

Respiratory system : Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
CEN/FFP-2(S)

Skin and body : Wear suitable protective clothing.

Hands : Rubber gloves.

Eyes : Splash goggles.

9. Physical and chemical properties

Physical state	: Liquid.
Color	: Colorless.
pH	: Not available.
Boiling point	: ---
Flash point	: Closed cup: <21°C (69.8°F).
Density	: 800 kg/m ³
Solubility	: Soluble in methanol, diethyl ether, n-octanol, acetone.

10. Stability and reactivity

Stability	: The product is stable.
Conditions to avoid	: The fumes could form explosive compounds with air.
Hazardous Decomposition Products	: These products are carbon oxides (CO, CO ₂).

11. Toxicological information

Skin irritation	: Hazardous in case of skin contact (irritant). Defatting the skin and may cause redness, skin cracking and at prolonged and repeatedly contact eczema.
Eye irritation	: Hazardous in case of eye contact (irritant). Splashed in the eyes gives smarting pain.
Sensitization	: Hazardous in case of skin contact (sensitizer). Defatting the skin and may cause redness, skin cracking and at prolonged and repeatedly contact eczema.
Inhalation	: The product yields solvent fumes during use. Inhalation of these can give headaches, fatigue, nausea, dizziness, deteriorated reaction and at high contents unconsciousness. Prolonged inhalation of high concentrations (see Occupational Exposure Limits) may cause chronic effects. Input Naphta contains less than 0.1% benzen and therefor the classification as a carcinogen need not to be applied.
Ingestion	: Hazardous in case of ingestion. Ingestion may cause stomach pains, vomiting and the same symptoms as for inhalation if swallowed. May cause lung damage if swallowed.

12. Ecological information


Ecotoxicity	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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13. Disposal considerations




Remains and non-cured product	: Non cured product is Hazardous waste and should be left to destruction according to local regulations.
Cured product	: ---
European waste catalogue (EWC)	: Pose as dangerous waste (H3-A) due to the classification: Highly flammable. EWC-code: 07 02 04 other organic solvents, washing liquids and mother liquors
Packaging	: Packages with remains is handled according to above. Empty packages can be left for recycling. For Sweden: Akzo Nobel Deco International AB are connected to the REPA-system (org.nr. 556026-1876). Please contact local authority for information advise on waste.

14. Transport information

International transport regulations

Regulatory Information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
ADR/RID Class	1993	Flammable liquid, n.o.s. (Acetone, Naphta (petroleum), hydrodesulfurized light, dearomatized, <0.1% benzene.)	3	II		Hazard identification number 33 Limited quantity LQ4

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ADN Class	1993	Flammable liquid, n.o.s. (Acetone, Naphtha (petroleum), hydrodesulfurized light, dearomatized, <0.1% benzene.)	3	II		-
IMDG Class	1993	Flammable liquid, n.o.s. (Acetone, Naphtha (petroleum), hydrodesulfurized light, dearomatized, <0.1% benzene.)	3	II		Emergency schedules (EmS) F-E, S-E
IATA-DGR Class	1993	Flammable liquid, n.o.s. (Acetone, Naphtha (petroleum), hydrodesulfurized light, dearomatized, <0.1% benzene.)	3	II		-

15. Regulatory information

Tactile warning of danger : Yes, applicable.

National regulations

Sweden

Hazard symbol(s) :



Highly flammable, Harmful

Risk Phrases

- : R11- Highly flammable.
- R65- Harmful: may cause lung damage if swallowed.
- R36/38- Irritating to eyes and skin.
- R66- Repeated exposure may cause skin dryness or cracking.
- R67- Vapors may cause drowsiness and dizziness.
- R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

- : S2- Keep out of the reach of children.
- S16- Keep away from sources of ignition - No smoking.
- S24/25- Avoid contact with skin and eyes.
- S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S46- If swallowed, seek medical advice immediately and show this container or label.
- S56- Dispose of this material and its container at hazardous or special waste collection point.

16. Other information

Full text of R-Phrases with no. appearing in Section 2 and 3 - Sweden

R11- Highly flammable.
R36- Irritating to eyes.
R36/38- Irritating to eyes and skin.
R38- Irritating to skin.
R65- Harmful: may cause lung damage if swallowed.
R66- Repeated exposure may cause skin dryness or cracking.
R67- Vapors may cause drowsiness and dizziness.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Text of classifications appearing in Section 2 and 3 - Sweden : F - Highly flammable
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.

History

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Notice to reader

To the best of our knowledge, the information contained herein is accurate.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Version 1

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