MATERIAL SAFETY DATA SHEET

Material Safety Data Sheet according 91/155/EEC
Product Name: APCT-712 Clear 4 Chrome Thinner Date: January 1, 2012

1. **MANUFACTURER IDENTIFICATION.**

MANUFACTURED FOR : ALSA CORPORATION
1213 E. 58th Place
Los Angeles, CA 90001
Tel: 323-581-5200 Fax: 323-589-4400 alsacorp.com

Infotrac Chemical Emergency Response: (800) 535-5053 / (352)323-3500

2. **COMPOSITION/INFORMATION ON INGREDIENTS.**

Substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

EINECS-No.	Names R-phrases	CAS NUMBER	Conc.
202-849-4	ethylbenzene	100-41-4	2.5 - 10
215-535-7	xylene, mixture of isomers	1330-20-7	10 - 25
204-658-1	n-butyl acetate	123-86-4	25 - 50
203-603-9	2-methoxy-1-methylethyl acetate	108-65-6	2.5 - 10
265-199-0	Solvent naphtha (petroleum), light arom; Low boiling point naphtha - unspecified	64742-95-6	10 - 25

3. **HAZARDS IDENTIFICATION OF THE PREPARATION.**

Danger classification : Xn Harmful

10 Flammable.
20/21 Harmful by inhalation and in contact with skin.
38 Irritating to skin.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.

4. **FIRST AID MEASURES.**

General:
In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation:
Remove to fresh air, keep patient warm and at rest, if breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

Eye contact:
Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin contact:
Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do **NOT** use solvents or thinners.

Ingestion:
If accidentally swallowed obtain immediate medical attention. Keep at rest. Do **NOT** induce vomiting.

5. **FIRE-FIGHTING MEASURES.**

Extinguishing media: recommended: alcohol resistant foam, CO_2, powders, Water spray
not to be used : water jet.

Recommendations: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

6. **ACCIDENTAL RELEASE MEASURES.**

Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses.

Clean preferably with a detergent; avoid use of solvents.
If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE.

Handling.

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits.
In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing and floors should be of the conducting type. Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid inhalation of dust, particulates and spray mist arising from the application of this preparation. Avoid inhalation of dust from sanding.
Smoking, eating and drinking should be prohibited in application area. For personal protection see Section 8.
Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws.

Storage.

Although the storage and use of this product is not subject to specific statutory requirements, observation of the principles of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations as appropriate will be seen as good industrial practice in meeting the general duties of the Health and Safety at Work Act.
Observe label precautions. Store between 10 and 25°C in a dry, well ventilated place away from sources of heat and direct sunlight.
Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Engineering Measures.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory protection must be worn.

Exposure Limits.

Occupational exposure limit for:		STEL	**LTEL**
EINECS-No.	**Names**	125 ppm	100 ppm
202-849-4	ethylbenzene		
215-535-7	xylene, mixture of isomers	150 ppm	100 ppm
204-658-1	n-butyl acetate		
203-603-9	2-methoxy-1-methylethyl acetate	200 ppm	150 ppm
265-199-0	Solvent naphtha (petroleum), light arom.;	100 ppm	50 ppm
Low boiling point naphtha unspecified		Not established	20 ppm

Personal Protection.

Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Hand protection:

For prolonged or repeated handling, use
Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection:

Use safety eyewear designed to protect against splash of liquids.

Skin protection:

Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

MATERIAL SAFETY DATA SHEET

9. **PHYSICAL AND CHEMICAL PROPERTIES.**

Physical state	Viscous	Method:
flash point	90° F	DIN 53213
specific gravity	0.88	
vapor density	Heavier then air	
lower explosion limit	0.8	
upper exposure limit	7.6	
solubility in water	not soluble	

10. **STABILITY AND REACTIVITY.**

Stable under recommended storage and handling conditions (See section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

11. **TOXICOLOGICAL INFORMATION.**

There are no data available on the preparation itself. The preparation has been assessed following the conventional methods of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Chapter 2 and 15 for details.

Exposure to component solvents vapors concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

12. **ECOLOGICAL INFORMATION.** *

The product should not be allowed to enter drains or water courses.

13. **DISPOSAL CONSIDERATIONS.**

Do not allow into drains or water courses.

Wastes and emptied containers should are to be deposited according to the official rules.

Code of waste Waste Designation:

140603 other solvents and solvent mixtures

14. **TRANSPORT INFORMATION.**

Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID Class:	3
Tremcard:	n.a.
UN-No:	1263
Transport document name:	Paint related material
Packaging group:	III
IMDG Class:	3
EmS :	F-E, S -E
UN-No:	1263
PAINT shipping name:	PAINT RELATED MATERIAL
Packaging group:	III
marine pollutant:	P Erdöldestillate n .a.g. (Petroleumnaphta)
ICAO/IATA Class:	3
UN No:	1263
Proper shipping name:	Paint related material

Packaging group: III

15. **REGULATORY INFORMATION.**

In accordance with requirements of the Classification Packaging and Labeling of Dangerous Substances Regulations.
The product is labeled as follows: **Danger classification:**
Xn Harmful

Contains:
xylene, mixture of isomers
Solvent naphtha (petroleum), light arom.; Low boiling point naphtha
Unspecified

R-phrases:
10 Flammable.
20/21 Harmful by inhalation and in contact with skin.
38 Irritating to skin.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.

S-phrases:
24 Avoid contact with skin.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
36/37 Wear suitable protective clothing and gloves. 51
Use only in well-ventilated areas.
61 Avoid release to the environment. Refer to special instructions/safety data sheets.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
23 Do not breathe vapors.

other phrases:
n.a.

U.S. Federal Regulations

SARA313 - xylene, ethyl benzene
SARA 311/312 Acute(Yes), Chrnic(No), Fire(Yes), Prssure(No), Reactivity(No)
TSCA – All Components are listed in TSCA inventory
California Proposition 65 – ethyl benzene

16. **OTHER INFORMATION.**

HMIS CODES:

Health	2
Flammability	3
Reactivity	0
Protection	H

The information of this MSDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.