

**Safety Data Sheet**

According to Regulation (EC) No 1907/2006, Annex II, Amended by COMMISSION REGULATION (EU) 2020/878, Amended by COMMISSION DELEGATED REGULATION (EU) 2023/707, According to REGULATION (EC) No 1272/2008

**UNISOLVE / REMOVE (Europe) Adhesive Remover F-57**

Version 1.0 Issue date: 20-01-2025 Revision date: 20-01-2025 SDS Record Number: CSSS-TCO-010-165677

Approvals

Author Name: Mark Russell  
Signature Date/Time: 29 JAN 2025 14:13 UTC  
Global Date/Time: 29 JAN 2025 14:13 UTC  
Representation: Author Signature  
Signature Reason: Document Management: Status Change

Signatory Name: James Smith  
Signature Date/Time: 29 JAN 2025 14:33 UTC  
Global Date/Time: 29 JAN 2025 14:33 UTC  
Representation: Engineering Signature  
Signature Reason: Document Management: Status Change

---

Document Number:	2009232	Document Part:	000
Document Version:	06	Document Status:	Released

## Safety Data Sheet

According to Regulation (EC) No 1907/2006, Annex II, Amended by COMMISSION REGULATION (EU) 2020/878, Amended by COMMISSION DELEGATED REGULATION (EU) 2023/707, According to REGULATION (EC) No 1272/2008

### UNISOLVE / REMOVE (Europe) Adhesive Remover F-57

Version 1.0 Issue date: 20-01-2025 Revision date: 20-01-2025 SDS Record Number: CSSS-TCO-010-165677

#### Section 1 Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier:

Identification on the label/Trade name: UNISOLVE / REMOVE (Europe) Adhesive Remover F-57  
 Additional identification: Nanoform is NOT covered by this SDS.  
 UFI: N/A  
 Identification of the product: See section 3  
 Index Number: See section 3  
 REACH registration No.: See section 3

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

###### 1.2.1 Identified uses:

Adhesive Remover.

###### 1.2.2 Uses advised against:

Not available.

##### 1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative): -  
 Supplier(Manufacturer): Smith & Nephew Ltd  
 Address: 101 Hessle Road  
 Hull  
 HU3 2BN  
 United Kingdom  
 Contact person(E-mail): -  
 Telephone: +44 (0)1482 225181  
 Fax: -

##### 1.4 Emergency telephone Number:

999 (UK) or 112 (EU) - 24 Hours  
 +1-703-527-3887 (Chemtrec 24 Hours)

Available outside office hours? YES  NO

#### Section 2 Hazards identification

##### 2.1 Classification of the substance or mixture:

###### 2.1.1 Classification of the mixture:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Flam. Liq. 2	H225
Asp. Tox. 1	H304
Eye Irrit. 2	H319
STOT SE 3	H336
Muta. 1B	H340
Carc. 1B	H350

For full text of H- phrases: see section 2.2.

##### 2.2 Label elements:

Document Number: 2009232 Document Part: 000  
 Document Version: 06 Document Status: Released

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

H225: Highly flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H340: May cause genetic defects.  
H350: May cause cancer.

Precautionary statement(s):

P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
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.  
P242: Use non-sparking tools.  
P243: Take action to prevent static discharges.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash hands thoroughly after handling.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P304 + P340: IF INHALED: remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313: IF exposed or concerned: Get medical advice/attention.  
P312: Call a POISON CENTER/doctor if you feel unwell.  
P331: DO NOT induce vomiting.  
P337 + P313: If eye irritation persists: Get medical advice/attention.  
P370 + P378: In case of fire: Use carbon dioxide, foam, dry chemical powder to extinguish.  
P403 + P233: Store in a well-ventilated place. keep container tightly closed.  
P403 + P235: Store in a well-ventilated place. Keep cool.  
P405: Store locked up.  
P501: Dispose of contents/container in accordance with local regulations.  
Not applicable.

Supplemental Hazard information (EU)

### 2.3 Other hazards:

The mixture does not contain PBT/vPvB substance.

The mixture does not contain endocrine disruptor.

## Section 3 Composition/information on ingredients

Substance/Mixture:

Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
---------------	------------------	---------	--------	---------------	----------------	--

Document Number: 2009232

Document Part: 000

Document Version: 06

Document Status: Released

Naphtha (petroleum),hydrotreated heavy	N/A	64742-48-9	265-150-3	33.38%	H304 H340 1B H350 1B	N/A
Isopropanol; propan-2-ol	N/A	67-63-0	200-661-7	33.38%	H225 H319 H336	N/A

## Section 4 First aid measures

### 4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

#### 4.1.1 In case of inhalation:

Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration.

#### 4.1.2 In case of skin contact:

Wash skin thoroughly with soap and water. If skin irritation occurs get medical advice / attention.

#### 4.1.3 In case of eyes contact:

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention. Remove contact lenses, if present and easy to do. If eye irritation persists get medical advice / attention.

#### 4.1.4 In case of ingestion:

Never give anything by mouth to an unconscious person. If victim is conscious drink plenty of water or milk. DO NOT induce vomiting. Get immediate medical advice / attention. Caution if victim vomits – risk of aspiration.

### 4.2 Most important symptoms and effects, both acute and delayed:

May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer.

### 4.3 Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

## Section 5 Firefighting measures

### 5.1 Extinguishing media:

**Suitable extinguishing media:**

Carbon dioxide, foam, dry chemical powder.

**Unsuitable extinguishing media:**

Do not use water jet as it may cause fire to spread.

### 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released: Highly toxic gases / vapours, oxides of carbon, hydrocarbons.

### 5.3 Advice for firefighters:

In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.

## Section 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

#### 6.1.1 For non-emergency personnel:

Clean up small spills mechanically. Wash hands before eating, drinking, smoking or using toilet.

#### 6.1.2 For emergency responders:

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ventilate the area. Wear suitable protective clothing.

### 6.2 Environmental precautions:

Notify environmental authorities if large amounts of product enters drains.

### 6.3 Methods and material for containment and cleaning up:

In event of release of product (liquid) remove from the water surface (eg skimming, sucking). Clean up wipes, cartons etc mechanically. Soak up liquid with non-combustible absorbent material with proper disposal. Mop or wipe up small spills. Ventilate area to dissipate vapours. Eliminate ignition sources. Soak up with non-combustible absorbent material. Remove absorbent material for proper disposal.

### 6.4 Reference to other sections:

See Section 8 for information on personal protection equipment. See Section 13 for information on disposal.

## Section 7 Handling and storage

Document Number: 2009232  
Document Version: 06

Document Part: 000  
Document Status: Released

## 7.1 Precautions for safe handling:

### 7.1.1 Protective measures:

Open and handle container with care. Handle empty containers with care as residual vapours are flammable. For product use, follow product instructions, avoid breathing vapours, spray. Avoid prolonged skin contact, wash thoroughly after handling. Do not get into eyes. Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.1.2 Advice on general occupational hygiene:

## 7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep away from naked flames and smoking should not be permitted in storage areas. Store in a cool ( $\leq 77^{\circ}\text{F}$  /  $25^{\circ}\text{C}$ ), dry, well-ventilated area away from strong oxidizing agents, sources of heat, sparks, and open flames.

## 7.3 Specific end use(s):

Not applicable.

## Section 8 Exposure controls/personal protection

### 8.1 Control parameters:

#### 8.1.1 Occupational exposure limits:

Country	Substance	EC No.	CAS No.	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		
				ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	Note
Germany (DFG)	Naphtha (petroleum), hydro-treated heavy	265-150-3	64742-48-9	50	300	100	600	-
Ireland	Isopropanol; propan-2-ol	200-661-7	67-63-0	200	-	400	-	-

**8.1.2 Additional exposure limits under the conditions of use:** Not available.

**8.1.3 DNEL/DMEL and PNEC-Values:** Not available.

### 8.2 Exposure controls:

#### 8.2.1 Appropriate engineering controls:

Ensure adequate ventilation. Apply technical measures to comply with the occupational exposure limits.

#### 8.2.2 Individual protection measures, such as personal protective equipment:

##### Eye/face protection:

When working in a well-ventilated area with small quantities, protective equipment may not be required.

##### Skin protection

##### Hand protection:

Impervious gloves.

##### Body protection:

When working with small quantities in a well-ventilated area, protective clothing/equipment may not be required.

##### Respiratory protection:

Use an approved organic vapour respirator / supplied air or self contained breathing apparatus when vapour concentrations exceed exposure limits.

##### Thermal hazards:

Wear suitable protective clothing to prevent heat.

#### 8.2.3 Environmental exposure controls:

Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

## Section 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

Physical state:

Liquid

Colour:

Not available

Odour:

Slight Paraffinic

Odour threshold:

Not available

pH:

Not available

Melting point/freezing point ( $^{\circ}\text{C}$ ):

Not available

Boiling point or initial boiling point and

$76^{\circ}\text{C}$  /  $169^{\circ}\text{F}$

Document Number: 2009232

Document Part: 000

Document Version: 06

Document Status: Released

boiling range (°C):	
Flash point (°C):	63°F / 17°C
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (gas, liquid, solid):	Not available
Ignition temperature (°C):	Not available
Lower and upper explosion limit:	Not available
Vapour pressure (20°C):	10mmHg
Relative vapour density:	Not available
Relative Density (g/cm <sup>3</sup> ):	0.81 (25°C)
Bulk density (kg/m <sup>3</sup> ):	Not available
Solubility in water (g/l, 20°C):	Negligible
Solubility in other polar and non-polar solvents (g/l, 20°C):	Not available
Partition coefficient n-octanol/water (log Po/w, 20°C):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Kinematic viscosity (mm <sup>2</sup> /s):	Not available
Particle characteristics:	Not applicable
Explosive properties:	Not available
Oxidising properties:	Not available

#### 9.2. Other information:

Fat solubility(solvent-oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water( pKa):	Not available
Oxidation-reduction Potential:	Not available
Evaporation rate (Ether = 1):	1.149(nBuAc = 1)
Refractive Index:	1.403 (25°C)

### Section 10 Stability and Reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials. Keep away from heat/sparks/open flames/hot surfaces. No smoking.
10.5 Incompatible materials:	Strong acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.
10.6 Hazardous decomposition products:	On burning, release of highly toxic gases / vapours, oxides of carbon, hydrocarbons.

### Section 11 Toxicological information

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

Acute toxicity:	
ATE <sub>mix</sub> (Oral):	Not available
ATE <sub>mix</sub> (Dermal):	Not available
ATE <sub>mix</sub> (Inhalation):	Not available
Isopropanol; propan-2-ol (CAS# 67-63-0)	
LD50(Oral, Rat):	5.84 g/kg bw
LD50(Dermal, Rabbit):	16.4 mL/kg bw
LC50(Inhalation, Rat):	Not available
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Causes serious eye irritation.

Document Number:	2009232	Document Part:	000
Document Version:	06	Document Status:	Released

Respiratory or skin sensitization: Not classified  
 Germ cell mutagenicity: May cause genetic defects.  
 Carcinogenicity: May cause cancer.  
 Reproductive toxicity: Not classified  
 STOT- single exposure: May cause drowsiness or dizziness.  
 STOT-repeated exposure: Not classified  
 Aspiration hazard: May be fatal if swallowed and enters airways.

**11.2 Information on other hazards**

Endocrine disrupting properties: The mixture does not contain endocrine disruptor.  
 Other information: Not applicable

**Section 12 Ecological information**

**12.1 Toxicity:**

Isopropanol; propan-2-ol (CAS# 67-63-0)

Acute (short-term) toxicity:

LC50(96h, Fish): 10000 mg/L

LC50(48h, Crustacea): Not available

EC50(72h, Algae/aquatic plants): Not available

Chronic (long-term) toxicity:

NOEC(Fish): Not available

NOEC(Crustacea): Not available

NOEC(Algae/aquatic plants): Not available

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: Not available.

12.5 Results of PBT and vPvB assessment: The mixture does not contain PBT / vPvB substance.

12.6 Endocrine disrupting properties: The mixture does not contain endocrine disruptor.

12.7 Other adverse effects: Not available.

12.8 Additional information: Not available.

**Section 13 Disposal considerations**

**13.1 Waste treatment methods:**

Dispose of in accordance with all applicable local and national regulations. Use recovery/recycling where feasible, otherwise incineration is the recommended method of disposal. Empty containers may contain hazardous residues. Do not cut, puncture or weld on or near to the container. Labels should not be removed from containers until they have been cleaned. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

**Section 14 Transport Information**

	Land transport (ADR/RID)	Inland waterways (ADN)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1 UN number or ID number	UN1993	UN1993	UN1993	UN1993
14.2 UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (Isopropanol; propan-2-ol)	FLAMMABLE LIQUID, N.O.S. (Isopropanol; propan-2-ol)	FLAMMABLE LIQUID, N.O.S. (Isopropanol; propan-2-ol)	FLAMMABLE LIQUID, N.O.S. (Isopropanol; propan-2-ol)
14.3 Transport hazard	3	3	3	3

Document Number: 2009232  
 Document Version: 06

Document Part: 000  
 Document Status: Released

<b>class(es)</b>				
<b>14.4 Packing group</b>	II	II	II	II
<b>14.5 Environmental hazards</b>	No	No	No	No
<b>14.6 Special precautions for user</b>	See section 2.2	See section 2.2	See section 2.2	See section 2.2
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	IBC02	IBC02	IBC02	IBC02

## Section 15 Regulatory information

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

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other EU regulations: Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

Other National regulations: Not applicable

15.2 Chemical Safety Assessment YES  NO

## Section 16 Other information

### 16.1 Indication of changes:

Version 1.0 Amended by (EU) 2020/878, (EU) 2023/707

### 16.2 Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: Code international maritime dangerous goods code

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

UFI: Unique Formula Identifier

LC50: median lethal concentration

EC50: The effective concentration of substance that causes 50% of the maximum response.

NOEC: No Observed Effect Concentration

DNEL: [derived no-effect level](#)

PNEC: predicted no-effect concentration

### 16.3 Key literature references and sources for data

ECHA Registered substances data

### 16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008		Classification procedure
Flam. Liq. 2	H225	On basis of test data
Asp. Tox. 1	H304	Calculation method
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H336	Calculation method
Muta. 1B	H340	Calculation method
Carc. 1B	H350	Calculation method

### 16.5 Relevant H-statements (number and full text):

H225: Highly flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H340: May cause genetic defects.

H350: May cause cancer.

Document Number: 2009232

Document Version: 06

Document Part: 000

Document Status: Released



**16.6 Training instructions:**

Not applicable.

**16.7 Further information:**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

<b>17a) REFERENCE NUMBER</b>	2009232
<b>17b) DATE OF ISSUE</b>	28/01/2025

*The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.*

## REASON FOR CHANGE

Document Version	Section/Paragraph Changed	Change Made	Date
01	New issue	Document transferred from S & N Inc.SDSUM00570 as part of project Peterworth CCA2832	06/08/15
02	New format	Document updated to match new format.	03/01/19
03	Changes throughout document	Document updated using Safety Data Sheet supplied by Intertek with additional text relative to product not bulk. Chemical information updated to match labelling of product. Carried out as part of Change Controls 4182 and 4183	06/04/2020
04	Changes throughout document Section 14 Transport Information	Wipes generated as a separate document, all references to wipes removed. Transport Information simplified and include US requirements	24/06/2020
05	Whole Document	New document based on information provided by contracted Regulatory and GHS Specialists, CIRS	13/05/2021
06	Whole Document	Updated to current standards. Information provided by contracted Regulatory and GHS Specialists, CIRS.	28/01/2025

Document Number: 2009232  
Document Version: 06

Document Part: 000  
Document Status: Released

Plant Number(s):

None

Product Code(s):

59402500, 59403325

\*\*\* END OF DOCUMENT \*\*\*

---

Document Number: 2009232  
Document Version: 06

Document Part: 000  
Document Status: Released