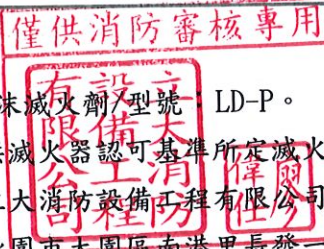


1. 物品與廠商資料

- 物品名稱：表面活性劑泡沫滅火劑/型號：LD-P。
- 建議用途及限制使用：供滅火器認可基準所定滅火器裝填用。
- 製造商或供應商名稱：立大消防設備工程有限公司
- 製造商或供應商地址：桃園市大園區南港里長發一路242號
- 緊急聯絡電話/傳真電話：(03)385-0119/(03)385-5730



2. 危害辨識資料

• GHS 分類

健康危害性：急毒性物質第5級。

環境危害性：沒有明確的危害類別。

- 標示內容：(係指依據GHS分類後，提供適當的標示內容資訊包括圖式、警語、危害警告訊息和危害防範措施)

象徵符號：無象徵符號。

危害警告訊息：吞食、吸入、皮膚接觸可能有害，造成輕微刺激。

危害防範措施：避免與眼睛接觸，穿戴適當的防護衣物。

3. 成份辨識資料：

- 單一化學質或混合物：混合物

內容成份 (化學名、同義名)	含量 (wt%)	化學特性 (構造式)	CAS. NO.	備註
企業秘密	1.5 % ± 0.5 %	N/A	N/A	
企業秘密	2.375 % ± 0.25 %	N/A	N/A	
企業秘密	2% ± 0.5 %	N/A	N/A	
企業秘密	1.75 % ± 0.5 %	N/A	N/A	
企業秘密	0.125 % ± 0.05 %	N/A	N/A	
企業秘密	0.325 % ± 0.15 %	N/A	N/A	
水(Water)	91.925 % ± 1.95 %	H2O	7732-18-5	

- 備註：結晶型二氧化矽鑑定(檢測單位及報告號碼：)

(乾粉滅火劑必填欄位，需提具報告佐證)

測試項目	單位	結果	備註
石英(CAS NO. 14808-60-7)	%		
方石英(CAS NO. 14462-46-1)	%		
鱗石英(CAS NO. 15468-32-3)	%		

- 備註：重金屬鑑定(檢測單位及報告號碼：)

(乾粉滅火劑必填欄位，需提具報告佐證)

測試項目	單位	結果	備註
事業廢棄物萃取液中總鉛(應低於 5.0mg/L)	mg/L		
事業廢棄物萃取液中總鎘(應低於 1.0mg/L)	mg/L		
事業廢棄物萃取液中總銅(應低於 15.0mg/L)	mg/L		
事業廢棄物萃取液中總鉻(應低於 5.0mg/L)	mg/L		
事業廢棄物萃取液中總砷(應低於 5.0mg/L)	mg/L		

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公工消  
司程防  
偉廖

• 備註：毒物化學物質鑑定(檢測單位及報告號碼：HTH22500009)

(機械泡沫滅火劑、水滅火劑、強化液滅火劑必填欄位，需提具報告)

測試項目	結果	備註
全氟辛烷磺酸 PFOS(CAS NO. 1763-23-1)	N. D.	
全氟辛烷磺酸鋰鹽(CAS NO. 29457-72-5)	N. D.	
全氟辛烷磺醯氟(CAS NO. 307-35-7)	N. D.	
全氟辛酸 PFOA(CAS NO. 335-67-1)	N. D.	

#### 4. 急救措施

##### • 不同暴露途徑之急救方法

吸入：若感不適者可至空氣流通處略作休息。

皮膚接觸：若感不適者(皮膚過敏者)可用清水沖洗。

眼睛接觸：若感不適者可用清水沖洗，若刺激持續者就醫檢查。

食入：勿催吐，可先漱口，再飲用開水稀釋，若仍然不適者就醫檢查。

#### 5. 滅火措施：本產品為滅火器用滅火藥劑。

#### 6. 洩漏處理方法

- 個人應注意事項：應避免濕滑跌倒。
- 環境注意事項：隔離洩漏區域以免濕滑跌倒。
- 清理方法：以清水沖洗洩漏區域。

#### 7. 安全處置與儲存方法

- 處置：不使用時緊閉容器。容器應避免倒放、橫放及過重疊放。
- 儲存：貯存於通風良好、陰涼及乾燥處。避免潮濕、高溫及陽光照射。保持於製造商要求的溫度範圍之內，以免變質。

#### 8. 暴露預防措施

##### • 個人防護設備

呼吸防護：無特殊需求。

手部防護：無特殊需求。

眼睛防護：如經常使用沖洗在潑漸之工作環境之下應用防護眼鏡。

皮膚及身體防護：無特殊需求。

#### 9. 物理及化學性質

- 外觀(物質狀態、形狀、顏色)：透明液體。
- 氣味：無刺鼻味。
- pH 值：7.0
- 密度(比重)：1.004
- 凝固點：0°C

#### 10. 安定性及反應性

- 安定性：極安定。
- 應避免之狀況：無特殊要求。

- 應避免之物質：無特殊要求。
- 危害分解物：無危害分解物。

### 11. 毒性資料

- 症狀
  - 皮膚腐蝕/刺激性：N/A
  - 眼睛腐蝕/刺激性：N/A
- 急毒性(不得超過 GHS 3.1 章第 5 級規範，LD50 與 LC50 擇一填寫，需提具佐證)
  - LD50：>2000mg/kg(大鼠口服)
  - LC50：

### 12. 生態資料

- 生態毒性、持久及降解性：生物分解度>97%
- 其他不良效應：N/A

### 13. 廢棄處置方法

- 廢棄處置方法：完全水容且生物分解，不傷及汙水處理之微生物，若需排至水管或陰溝，請依現行環境法規處理。

### 14. 運送資料

- 特殊運送方法及注意事項：N/A

### 15. 法規資料

- 適用法規：依各事業主管單位辦理

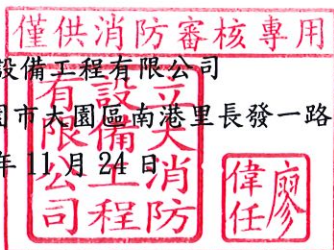
### 16. 其他資料

- 參考文獻：GHS 化學品全球調和制度所提供的化學品 SDS。
- 製表單位

名稱：立大消防設備工程有限公司

地址/電話：桃園市大園區南港里長發一路 242 號/(03)385-0119

- 製表日期：111 年 11 月 24 日



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## 測試報告 Test Report

報告編號(No.): HTH22500009

報告日期(DATE): 2022/05/16

頁數(PAGE): 1 of 3

立大消防設備工程有限公司 (LI DA FIRE FIGHTING CO., LTD.)

桃園市大園區南港里長發一路242號

(NO. 242, CHANGFA 1ST RD., NANGANG VIL., DAYUAN DIST., TAOYUAN CITY 337, TAIWAN)

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 立大消防設備工程有限公司 (LI DA FIRE FIGHTING CO., LTD.)  
樣品名稱(Sample Description) : Foam Fire Extinguishing Agents (機械泡沫滅火藥劑)  
樣品型號(Style/Item No.) : LD-P

收件日(Sample Receiving Date) : 2022/05/05  
測試期間(Testing Period) : 2022/05/05 to 2022/05/16

測試需求 (Test Requested) : 依據客戶要求進行測試，測試項目請參閱測試結果表格。(The test was specified by client, please refer to the result table(s) for details.)

測試結果 (Test Results) : 請見下一頁。(Please refer to next page(s).)

*Singh Hsiao*  
Singh Hsiao / Asst. Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory - Taipei



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## 測試報告 Test Report

報告編號(No.): HTH22500009

報告日期(DATE): 2022/05/16

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立大消防設備工程有限公司 (LI DA FIRE FIGHTING CO., LTD.)

桃園市大園區南港里長發一路242號

(NO. 242, CHANGFA 1ST RD., NANGANG VIL., DAYUAN DIST., TAOYUAN CITY 337, TAIWAN)

### 測試部位敘述(Test Part Description)

No.1 : 透明液體 (罐裝內容物) (TRANSPARENT LIDUID (INSIDE THE BOTTLE))

### 測試結果(Test Results)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	RL	結果 (Result)
				No.1
全氟辛烷磺酸及其鹽類 / PFOS and its salts ( CAS No.1763-23-1 )	參考CEN/TS 15968: 2010, 以液相層析串聯質譜儀(LC-MS-MS)分析。 / With reference to CEN/TS 15968: 2010. Analysis was performed by LC-MS-MS.	mg/kg	0.01	n.d.
全氟辛酸及其鹽類 / PFOA and its salts ( CAS No.335-67-1 )		mg/kg	0.01	n.d.
全氟辛烷磺酸鋰鹽 (PFOS-Li) / Perfluorooctanesulfonic acid, lithium salt (PFOS-Li) ( CAS No.29457-72-5 )	由全氟辛烷磺酸及其鹽類測試結果計算得之。 / Calculated from the result of PFOS and its salts.	mg/kg	0.01▲	n.d.
全氟辛烷磺酰氟 (POSF) / Perfluorooctane Sulfonyl fluoride (POSF) ( CAS No.307-35-7 )		mg/kg	0.01▲	n.d.

### 備註(Note) :

1. mg/kg = ppm ; 0.1% = 1000 ppm
2. RL = Reporting Limit (報告極限值)
3. n.d. = Not Detected (未檢出) = Less than (小於) RL
4. ▲ = 測試結果是以其相關化合物之濃度計算之含量。  
(The test result was calculated by the concentration of its related compound.)
5. 全氟辛烷磺酸及其鹽類包含CAS No.:29081-56-9, 2795-39-3, 29457-72-5, 70225-14-8, 56773-42-3, 251099-16-8, 307-35-7. (PFOS and its salts : CAS No.:29081-56-9, 2795-39-3, 29457-72-5, 70225-14-8, 56773-42-3, 251099-16-8, 307-35-7.)
6. 全氟辛酸及其鹽類包含CAS No.3825-26-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0.  
(PFOA and its salts: CAS No.3825-26-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0.)
7. 本報告不得分離或擷錄使用。(The report is invalid if it is partly reproduced or used.)

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## 測試報告 Test Report

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\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。\*

(The tested sample / part is marked by an arrow if it's shown on the photo.)

### HTH22500009



\*\* 報告結尾 (End of Report) \*\*

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