

Endpoint study record: Flammability HFO-1234ze MA-RR-09-4278

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Author
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Remarks

Honeywell
Annex IV - Endpoint study record:
Flammability HFO-1234ze MA-RR-09-4278

Administrative Data

EU: REACH

Purpose flag key study; robust study summary
Study result type experimental result
Reliability 1 (reliable without restriction)
Rationale for reliability incl. deficiencies conducted using EC guideline under GLP

Data source

Reference

Reference type	Author	Year	Title	Bibliographic source	Testing laboratory	Report no.	Owner company	Company study no.	Report date
study report	Anonymous	2006	Flammable and explosive properties of HFO-1234ze		Chilworth Technology	GLP15024BR1V1/06	Honeywell	MA-RR-09-4278	2006-08-24

Data access

data submitter is data owner

Data protection claimed

yes

Materials and methods

Test guideline

Qualifier	Guideline	Deviations
according to	EU Method A.11 (Flammability (Gases))	

GLP compliance

yes (incl. certificate)

Test materials

Identity of test material same as for substance defined in section 1 (if not read-across)

yes

Test material identity

Identifier	Identity
EC number	471-480-0

Confidential details on test material

- Lot/batch No.: 40793-15-1
Purity 99.99%
Purity data July 06, 2006

Results and discussions

Any other information on results incl. tables

gas concentration (%w/w)	Ignition	Comment
1.6 - 4	no	

10 - 20	no	small blue glow
25	no	small orange glow
30 -35	no	small orange glow and soot

Applicant's summary and conclusion

Interpretation of results

non flammable (based on EU classification)

Conclusions

Under these test conditions, HFO-1234ze is nonflammable